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Environmental Monitoring for EKMA Modeling of Nashville, Tennessee and Louisville, Kentucky

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During the period July 1, 1981 through September 15, 1981, ambient air data collection was conducted in the greater Nashville, Tennessee and Louisville, Kentucky metropolitan areas. The data collected included NMOC, CH_4, NO, NO_x, O_3, wind direction, and wind speed, and are to be used in city-specific EKMA modeling of the ozone nonattainment areas that encompass these cities. The data were collected under an approved quality control plan with a quality assurance program that provided a quantitative assessment of the precision and accuracy of the validated data.

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PREFACE

Nashville, Tennessee and Louisville, Kentucky have required an extension of the 1982 deadline for attaining the ozone standard. Therefore, these areas must prepare a 1982 ozone SIP revision using city-specific EKMA modeling. These requirements are detailed in 44 FR 65667. This study was undertaken to produce ambient air data of known and acceptable quality required to develop NMOC/NO_x ratios to be used in the city-specific EKMA modeling. The successful completion of the tasks associated with this study required the close coordination of the joint efforts of EPA, the state and local agencies, and Dames & Moore.

During the period from July 1, 1981 through September 15, 1981, Dames & Moore operated eight ambient air monitoring stations in the greater Nashville, Tennessee and greater Louisville, Kentucky areas. A total of seven ambient air monitors at five sites were operated in the greater Nashville, Tennessee area. Dames & Moore also conducted quality assurance performance audits of these monitors plus an additional two monitors and one wind measurement system operated by the State of Tennessee. In the greater Louisville, Kentucky area, Dames & Moore operated three sites containing a total of six ambient air monitors and two wind measurement systems. The performance audits included all of these sensors plus one air quality monitor operated by the Air Pollution Control District of Jefferson County (Louisville, Kentucky) and one operated by the Indiana State Board of Health.

This report contains only the monitoring data collected at the sites operated by Dames & Moore. However, performance audit results, including accuracy and precision statistics, are presented for all sites regardless of their operating organization.

ABSTRACT

During the period July 1, 1981 through September 15, 1981, ambient air data collection was conducted in the greater Nashville, Tennessee and Louisville, Kentucky metropolitan areas. The data collected included NMOC, CH_4, NO, NO_x, O_3, wind direction, and wind speed, and are to be used in city-specific EKMA modeling of the ozone nonattainment areas that encompass these cities. The data were collected under an approved quality control plan with a quality assurance program that provided a quantitative assessment of the precision and accuracy of the validated data.

CONTENTS

Preface . . . .
Abstract. iii
Figures iv
Tables. vi
Abbreviations and Symbols vi
Acknowledgements. vii
. viii

1. Executive Summary. . . . .
2. Project Approach 1
   Monitoring Locations, Parameters, ... 2
   and Responsibilities. . . . .
   Quality Control 2
   Quality Assurance 2
   Inter-Agency Coordination 2
   Monitoring Operations 6
3. Calibration. 7
   Protocol. 9
   Results Achieved. 9
4. Performance Audits 9
   Protocol. 12
   Results Achieved. 12
5. Precision and Accuracy 12
   Protocol. 17
   Results Achieved. 17
   Span Variability Control Charts 17
6. Data Presentation. 17
   Data Recovery 43
   Special Considerations. 43
   43

Appendices

A. Nashville Hourly Data Listing. 47
B. Louisville Hourly Data Listing 87

FIGURES

Number		Page
2-1	Nashville Monitoring Site Locations	4
2-2	Louisville Monitoring Site Locations	5
5-1	Nashville Span Variability Report	20
5-2	Louisville Span Variability Report	32

TABLES

Number		Page
2-1	Monitoring Site Information	3
3-1	Nashville Calibration Results	10
3-2	Louisville Calibration Results	11
4-1	Nashville Audit Results	13
4-2	Louisville Audit Results	15
5-1	Nashville Data Assessment Report	18
5-2	Louisville Data Assessment Report	19
6-1	Data Recovery Summary, July 1, 1981 - September 15, 1981	44
6-2	Data Overrange Listing	46

LIST OF ABBREVIATIONS AND SYMBOLS

ABBREVIATIONS

SIP -- State Implementation Plan

EKMA -- Empirical Kinetic Modeling Approach

FR -- Federal Register

NMOC -- nonmethane organic compounds

WS -- wind speed

WD -- wind direction

SYMBOLS

NO_x -- nitrogen oxides

NO -- nitric oxide

NO_2 -- nitrogen dioxide

O_3 -- ozone

CH_4 -- methane

C_3H_8 -- propane

ACKNOWLEDGEMENTS

The cooperation of the state and local agencies, Metropolitan Health Department of Nashville and Davidson County, Tennessee Division of Air Pollution Control, Air Pollution Control District of Jefferson County Kentucky, Kentucky Division of Air Pollution Control, and Indiana State Board of Health is gratefully acknowledged. These agencies provided equipment, operating space, technical support, and encouragement to the project team.

We especially want to recognize the efforts of the instrument specialists, without whose dedication, technical expertise, and long hours this monitoring program could not have succeeded. Mr. Jim Gray of EPA IV Surveillance and Analysis Division provided technical support in the operation of NMOC analyzers. Mr. Gary L. Wentz, Dames & Moore, provided performance audits of all analyzers in both networks. The Nashville network was operated for Dames & Moore by Mr. Dennis W. Totzke, assisted by Mr. James G. Haywood. The Louisville network was operated by Mr. James C. Merritt, ably assisted by Ms. Suzanne S. Merritt.

SECTION 1

EXECUTIVE SUMMARY

During the period July 1, 1981 through September 15, 1981, Dames & Moore operated eight air quality monitoring sites in the Nashville, Tennessee and Louisville, Kentucky areas. The purpose of this monitoring was to collect NMOC, NO, NO_x, O_3, and wind data to support city-specific EKMA modeling of these two urban areas. An additional three sites were operated by the state and local agencies.

The sites operated by Dames & Moore reported valid data for a total of 93.8 percent of the 49,896 possible parameter-hours in the study. Excluding reasonable time for calibrations, audits, and scheduled maintenance, the data recovery rate was 95.8 percent. Valid data recovery rates for NMOC, NO/NO_x, O_3, and wind were 92.2, 94.2, 88.7, and 97.5, respectively.

Accuracy and precision statistics were computed for all analyzers in the study, including those operated by the state and local agencies. In Nashville, the Level 3 accuracy probability limits were 8.0, -2.9; 11.8, -10.2; and 8.5, -12.2; and the precision probability limits were 13.1, -6.8; 9.3, -14.8; and 13.0, -12.5; for NMOC, NO_x, and O_3, respectively. In Louisville, the Level 3 accuracy probability limits were 3.3, -8.6; 8.1, -8.4; and 17.4, -29.3; and the precision probability limits were 15.8, -9.4; 8.4, -10.7; and 12.8, -19.1; for NMOC, NO_x, and O_3, respectively.

SECTION 2

PROJECT APPROACH

MONITORING LOCATIONS, PARAMETERS, AND RESPONSIBILITIES

A total of 11 monitoring sites encompassing 33 air quality and meteorological parameters were included in this study. The majority of the monitors were operated by Dames & Moore with the remainder operated by the owning state or local agency. Quality assurance performance audits were conducted by an independent Dames & Moore auditor on all sites and parameters. In addition, EPA Region IV, Tennessee, Kentucky, and Indiana conducted performance audits at selected sites. Table 2-1 contains a summary of the monitoring site designations, parameters, and operating/ audit responsibilities.

The locations of the monitoring sites in and around Nashville are shown in Figure 2-1. Similarly, the Louisville site locations are shown in Figure 2-2.

QUALITY CONTROL

The monitoring conducted by Dames & Moore was implemented under a quality control program documented in Dames & Moore's Manual of Technical Practices - Air Quality (MTPAQ). A Project Memorandum, Revision 1, dated July 8, 1981, contained quality control procedures specific to this study. Together these two documents became the project Quality Control (QC) Plan.

The QC Plan was developed in accordance with 40 CFR 58, Appendix A, Sections 2.1 and 2.2. It was designed to be consistent with the practices and procedures of the affected state and local air pollution control agencies' QC programs.

QUALITY ASSURANCE

The project quality assurance procedures were also detailed in the QC Plan. The essential features of the quality assurance program were the procedures to audit the performance of the air quality analyzers.

At the beginning of the project, the calibration and audit technicians participated in an initial verification session using their equipment and

TABLE 2-1. MONITORING SITE INFORMATION

SAROAD Site Number	Greater Metropolitan Area	Parameter	Analyzer	Operating Responsibility	Audit Responsibility
44-2540-010 City/Co. Agency	Lentz Health Center 23rd Ave. N. Nashville, TN	NMOC & CH_4 NO & NO_x	Bendix 8202 Teco 14 B/E	D&M D&M	D&M, TN D&M
44-2540-011 City/Co. Agency	Trinity Lane E. Nashville Health Center Nashville, TN	O_3	Bendix 8002	D&M	D&M, TN, EPA
44-2540-026 City/Co. Agency	Percy Priest Dam E. Nashville Nashville, TN	O_3	Bendix 8002	D&M	D&M, TN
44-2540-032 City/Co. Agency	TN State University W. Nashville Nashville, TN	NMOC & CH_4 NO & NO_x	Bendix 8202 Teco 14 B/E	D&M D&M	D&M, TN D&M
44-2300-016 State Agency	Spring Hill Approx. 35 mi. S Nashville, TN	O_3 NO & NO_x WS & WD	CSI 1100-2 Teco 14 B/E WMC TB1034	TN D&M TN	D&M, TN D&M D&M
44-3320-007 State Agency	Hendersonville, TN	O_3	MEC-1100	TN	D&M, TN
18-2380-035 City Agency	Broadway Medical Bldgs. 914 E. Broadway Louisville, KY	NMOC & CH_4 NO & NO_x	Bendix 8202 ML 8440 EBS	D&M D&M	D&M D&M, KY
18-2380-021 City Agency	1918 Mellwood Ave. Louisville, KY	O_3	CSI 1100-3	LOU	D&M, KY
18-3710-004 State Agency	Roby Elementary School Shepardsville, KY	O_3 NO & NO_x WS & WD	Bendix 8002 Bendix 8101 MRI 1072	D&M D&M D&M	D&M, KY D&M, KY D&M
15-2160-002	Seagrams Property Jeffersonville, IN	NMOC & CH_4 NO & NO_x WS & WD	Bendix 8202 ML 8440 EBS Climatronics	D&M D&M D&M	D&M D&M D&M
15-0640-003 State Agency	Gate No. 5 in Army Ammo. Plant Charleston, IN	O_3	Bendix 8002	IN	D&M, IN

KEY: D&M -- Dames & Moore
TN -- Tennessee Division of Air Pollution Control
IN -- Indiana State Board of Health
KY -- Kentucky Division of Air Pollution Control
LOU -- Air Pollution Control District of Jefferson County, Kentucky
EPA -- EPA Region IV, Surveillance and Analysis Division

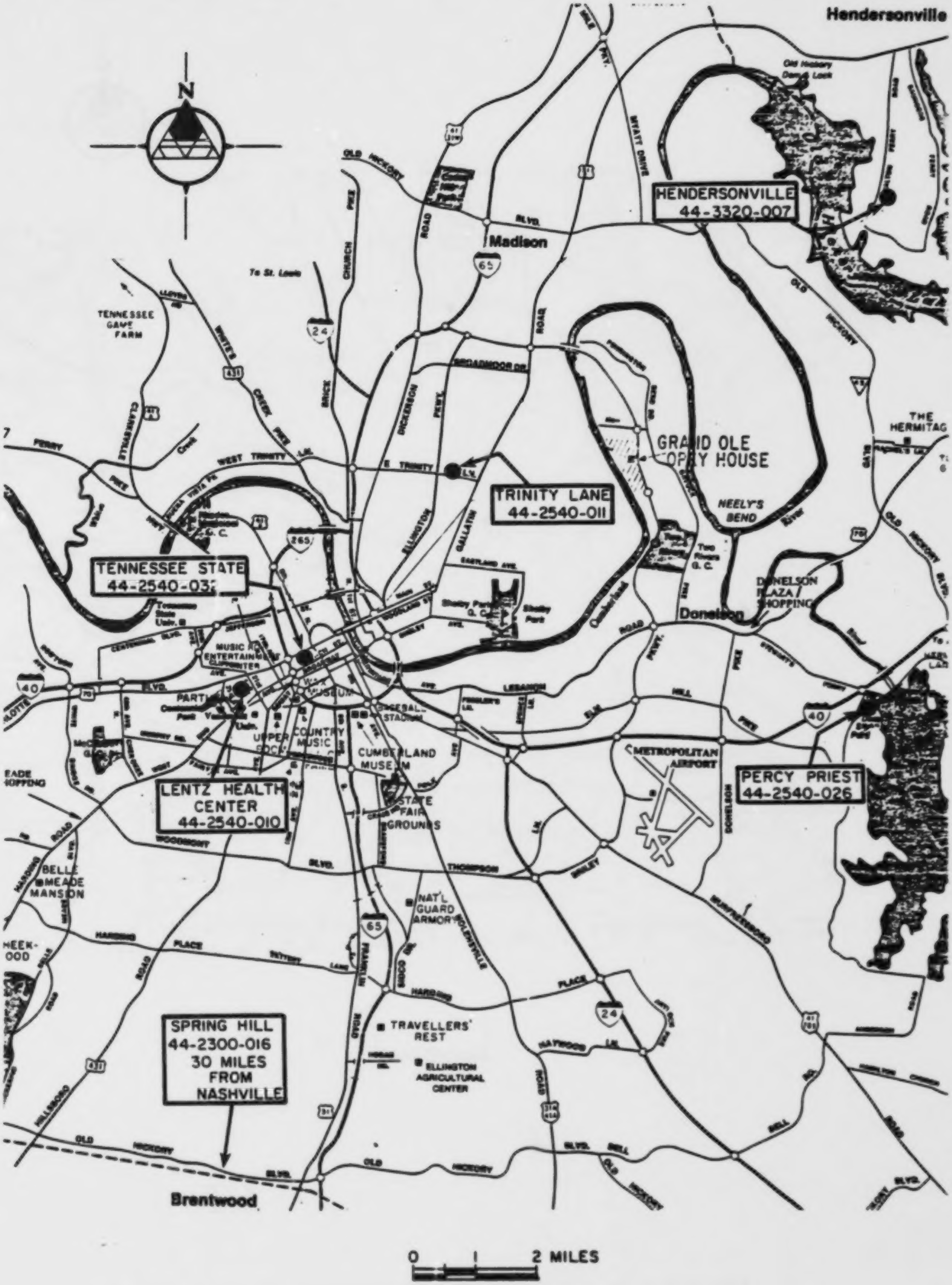

FIGURE 2-1 NASHVILLE MONITORING SITE LOCATIONS

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FIGURE 2-2 LOUISVILLE MONITORING SITE LOCATIONS

standards at the EPA Audit Systems Verification Center at Research Triangle Park, North Carolina. The initial set of calibration and audit gas standards were certified traceable to National Bureau of Standards Reference Materials by the vendor and verified by Audit Systems Verification Center personnel. All subsequent gas standards were certified by the vendor and verified by Dames & Moore. In the case of O_3, Dames & Moore's reference photometer was verified by Audit Systems Verification Center personnel. Dames & Moore transfer standard photometers were then verified against the reference photometer.

During operation of the network, each analyzer received a daily manual zero and span check introduced through the sampling manifold. Twice per week, each analyzer was also subjected to a precision check. Three times during the study, each analyzer was audited by an independent audit technician using audit equipment and standards different from those used for primary calibration, precision checks, or span checks. Some of the analyzers were also audited by EPA, Tennessee, and Kentucky personnel.

INTER-AGENCY COORDINATION

An essential ingredient to the overall success of this program was the coordination between the participating organizations. This was achieved through two coordination meetings and weekly data reporting to all affected agencies.

The QC Plan developed by Dames & Moore was distributed to all affected agencies. Then, during the week of June 15-19, 1981, a Systems Audit was conducted in each city with EPA and the local pertinent agencies participating. Those agencies are listed in the Acknowledgements section of this report. Each site was jointly inspected and the procedures in the QC Plan reviewed. Some changes were requested and made to both the sites and the QC Plan. The result was that each agency agreed to the adequacy of the procedures under which the monitoring was to be conducted.

During the course of the monitoring, Dames & Moore submitted weekly reports to the Project Officer containing the following information on instrument performance:

- Operational status;
- Calibrations performed;
- Maintenance required;
- Zero, span, and precision check results;
- Performance audits performed;
- Down time and reasons for missing data; and
- Hard copy of all data generated in SAROAD format.

These weekly reports, as well as monthly progress reports and monthly performance audit reports, were all distributed to the pertinent agencies to afford them the opportunity to participate in a continuing review and critique of the monitoring program.

After the completion of the data collection, a second coordination meeting was held in both cities with the participating agencies. The purpose of the meeting was to review and validate the data collected and reported during the study. All of the recorded data were minutely examined, with some questionable data deleted; the result is the valid data base presented in this report.

MONITORING OPERATIONS

The details of the monitoring operations procedures are contained in the QC Plan. This subsection contains an overview of those procedures and some of the more significant operational difficulties encountered.

All of the monitors were operated continuously from July 1, 1981 through September 15, 1981. Each monitor was serviced daily, including weekends and holidays. The daily checks included manual zero and span checks with the results recorded on a quality control chart. Anytime the daily monitor span (at 80 percent of full scale) exceeded ±15 percent of the span value, the analyzer was recalibrated. Usually the monitors were recalibrated whenever ±10 percent of the span was exceeded.

The monitors were calibrated prior to being placed in operation, before termination of operation, after each major maintenance, and anytime the monitor was determined to be out of control as described above. Each calibration was completed in two stages. The first stage involved the full range of calibration standards being introduced to the monitor before any adjustments were made. Then, any needed maintenance or adjustments were made. The second stage involved the full range of calibration standards after the final adjustments were made. In addition to the calibrations required as described above, NO/NO_x and O_3 monitors were recalibrated at least monthly and $NMOC/CH_4$ monitors were recalibrated twice per month.

Each monitor's output was recorded on analog strip chart recorders. The data were reduced to hourly averages and recorded on SAROAD format forms by the operating technicians. To compute a valid 1-hour average, at least 30 continuous minutes of valid data had to be recorded within the clock hour. Two hours of each parameter on each date were subsequently reviewed by a data quality control specialist to validate the digitization. The quality control specialist also reviewed all calibration forms, control charts, site logs, and other documentation for accuracy and completeness.

Only two operating problems resulted in any monitor achieving less than 90 percent total data recovery. The NMOC analyzer at Tennessee State University (Nashville) required extensive repairs before it would operate properly. The repair efforts of several technicians over several weeks were not successful at bringing this analyzer on line until 10 days after the project startup date. Following these initial difficulties, the analyzer performed satisfactorily.

The other operating problem arose from the O_3 monitor at the Trinity Lane (Nashville) site. This site was originally equipped with a Bendix 8002 chemiluminescent analyzer. That analyzer failed to hold a calibration and was replaced with a Dasibi 1003 photometric analyzer early in the monitoring period. Some difficulties continued to be experienced with the replacement analyzer. The problem was identified as electrical problems in the service connection or grounding within the building. These electrical problems were never eliminated but were controlled by connecting the analyzers in this site to separate outlets.

SECTION 3

CALIBRATION

PROTOCOL

Calibration of NMOC analyzers was accomplished by the use of certified cylinders of CH_4 and C_3H_8 in separate cylinders. Each calibration consisted of introducing first zero air to the analyzer and adjusting each channel for correct response. Then CH_4 was introduced and the CH_4 and total organic carbon channels were adjusted to the correct span response. Finally, C_3H_8 was introduced and the NMOC channel adjusted to the correct span response. Each calibration included multipoint response checks at approximately 0.9, 2.0, and 8.5 ppm CH_4 and 0.9, 4.0, and 8.5 ppmC C_3H_8.

Calibration of NO/NO_x analyzers was accomplished by quantitative dilution of a certified gas cylinder of approximately 75 ppm NO in air using a Monitor Labs ML 8500 calibrator. The NO and NO_x channels were thereby set. The response of the NO_2 channel and converter efficiency was then checked by gas phase titration of NO with O_3. Each calibration included multipoint response checks at zero and approximately 0.05, 0.20, and 0.45 ppm NO.

Calibration of O_3 analyzers was accomplished by generating O_3 concentrations with a Dasibi 1007 ultraviolet O_3 source. The output of the source was measured by a Dasibi 1003 O_3 transfer standard modified to perform as an ultraviolet photometer. A common external zero air source was used for both the O_3 generator and the transfer standard. The transfer standard was calibrated against a reference ultraviolet photometer. Each calibration included multipoint response checks at zero and approximately 0.05, 0.15, and 0.45 ppm O_3.

RESULTS ACHIEVED

Tables 3-1 and 3-2 show the calibration results achieved in Nashville and Louisville, respectively. Each table shows when the analyzers were calibrated and their deviation from expected response at 80 percent of full scale.

TABLE 3-1. NASHVILLE CALIBRATION RESULTS

Site	Date	Parameter	Average[1] Percent Difference	Parameter	Average[1] Percent Difference
44-2540-010 Lentz Health Center	6/29/81	NO	—	NO_x	—
	8/08/81		-15.09		-16.24
	8/23/81		-14.39		-16.77
	9/05/81		-0.53		-10.60
	9/12/81		0.38		-3.20
	7/05/81	NMOC	—	CH_4	—
	7/22/81		0.56		-0.25
	8/08/81		0.47		-0.58
	8/26/81		0.42		-0.07
	9/13/81		0.43		-0.07
44-2540-032 TN State University	6/30/81	NO	—	NO_x	—
	8/06/81		-10.47		-10.63
	8/22/81		-14.85		-14.24
	9/13/81		-2.35		-1.75
	7/10/81	NMOC	—	CH_4	—
	7/21/81		0.50		-0.10
	8/06/81		0.41		-0.07
	8/27/81		0.36		-0.06
	9/12/81		0.48		-0.02
44-2300-016 Spring Hill	6/30/81	NO	—	NO_x	—
	8/09/81		10.74		9.36
	9/14/81		3.33		3.14
44-2540-011 Trinity Lane	6/30/81	O_3	—		
	7/17/81		-0.05		
	7/20/81		0.03		
	8/04/81		-0.39		
	9/14/81		1.96		
44-2540-026 Percy Priest Dam	6/30/81	O_3	—		
	8/05/81		-0.13		
	9/11/81		1.85		

[1]Computed at 80 percent full scale.

TABLE 3-2. LOUISVILLE CALIBRATION RESULTS

Site	Date	Parameter	Average[1] Percent Difference	Parameter	Average[1] Percent Difference
15-2160-002	6/27/81	NO	—	NO_x	—
Seagrams	7/17/81		3.85		4.43
	7/20/81		2.53		3.57
	8/20/81		4.00		4.62
	9/15/81		5.30		6.47
	6/26/81	NMOC	—	CH_4	—
	7/13/81		-12.95		-10.15
	7/20/81		-13.81		-6.65
	7/31/81		-9.75		-3.46
	8/08/81		-1.21		-1.64
	8/10/81		4.18		-0.31
	8/15/81		-6.27		-2.38
	8/31/81		-5.50		-2.69
	9/13/81		-8.39		-4.40
18-2380-035	6/30/81	NO	—	NO_x	—
Broadway	7/18/81		-11.48		-9.39
Medical	8/22/81		-0.23		-2.55
Bldgs.	9/14/81		0.91		0.41
	6/26/81	NMOC	—	CH_4	—
	7/18/81		-2.34		-2.66
	8/06/81		-1.16		-4.41
	8/22/81		1.36		-1.03
	9/14/81		-1.27		-1.60
18-3710-004	6/29/81	NO	—	NO_x	—
Roby	8/01/81		-13.26		-12.46
Elementary	8/21/81		-3.44		-3.15
School	9/15/81		-3.89		-3.91
	6/29/81	O_3	—		
	8/01/81		-4.62		
	8/16/81		-6.90		
	9/15/81		-0.23		

[1]Computed at 80 percent full scale.

SECTION 4

PERFORMANCE AUDITS

PROTOCOL

The audit concentration generation protocol used by Dames & Moore was identical to that used for calibration except that different equipment and standards were used. For NMOC analyzers, different zero and span gas standards were used. For NO/NO_x analyzers, a different NO span gas bottle was used, and a Columbia Scientific Industries CSI 1700 was used as the dilution device. For O_3, the CSI 1700 was used to generate O_3, and a Dasibi 1003 transfer standard was used to monitor the O_3 output from the CSI 1700.

RESULTS ACHIEVED

Tables 4-1 and 4-2 show the audit results achieved in Nashville and Louisville, respectively. Each table shows when the analyzers were audited and their deviation from expected response at 80 percent of full scale. Some audits were conducted by EPA and the states of Tennessee, Kentucky, and Indiana. The results of these audits have been included in the tables for completeness.

TABLE 4-1. NASHVILLE AUDIT RESULTS

Site	Date	Audit By	Parameter	Average Percent Difference[1]	Parameter	Average Percent Difference[1]
44-2540-010	7/07/81	D&M	NO	-2.05	NO_x	0.82
Lentz Health	8/09/81	D&M		1.21		2.21
Center	9/03/81	D&M		0.42		-8.60
	7/07/81	D&M	NMOC	2.76	CH_4	0.53
	7/13/81	TN		7.64		-1.37
	8/09/81	D&M		-1.03		-1.14
	9/03/81	D&M		2.34		-3.45
44-2540-032	7/10/81	D&M	NO	-7.84	NO_x	-4.56
TN State	8/08/81	D&M		1.88		2.34
University	9/01/81	D&M		-3.61		-3.65
	7/10/81	D&M	NMOC	-0.59	CH_4	0.69
	7/13/81	TN		4.84		1.35
	8/08/81	D&M		1.84		-0.83
	9/01/81	D&M		2.37		-0.57
44-2300-016	7/09/81	D&M	NO	3.49	NO_x	8.93
Spring Hill	8/10/81	D&M		6.65		6.09
	9/01/81	D&M		3.86		3.80
	7/09/81	D&M	O_3	-5.39		
	7/22/81	TN		0.97		
	8/10/81	D&M		1.48		
	9/02/81	D&M		1.14		
	9/02/81	TN		3.02		
44-2540-026	7/08/81	D&M	O_3	7.00		
Percy Priest	7/22/81	TN		2.76		
Dam	8/07/81	D&M		-5.70		
	8/25/81	TN		2.12		
	9/04/81	D&M		0.12		

(continued)

TABLE 4-1. (continued)

Site	Date	Audit By	Parameter	Average Percent Difference[1]	Parameter	Average Percent Difference[1]
44-2540-011 Trinity Lane	7/08/81	D&M	O_3	0.13		
	7/22/81	TN		-1.26		
	8/07/81	D&M		-6.26		
	8/19/81	EPA		-5.25		
	8/21/81	TN		-4.77		
	9/03/81	D&M		-7.00		
44-3320-007 Henderson ville, TN	7/09/81	D&M	O_3	-7.60		
	7/14/81	TN		-16.07		
	8/10/81	D&M		6.74		
	9/02/81	D&M		-0.45		
	9/02/81	TN		1.23		

[1]Computed at 80 percent full scale.

TABLE 4-2. LOUISVILLE AUDIT RESULTS

Site	Date	Audit By	Parameter	Average[1] Percent Difference	Parameter	Average[1] Percent Difference
15-2160-002	7/11/81	D&M	NO	-8.00	NO_x	-1.93
Seagrams	8/05/81	D&M		7.45		7.91
Property	9/06/81	D&M		-2.95		-3.10
	7/11/81	D&M	NMOC	-7.76	CH_4	-1.21
	8/05/81	D&M		-0.11		-2.10
	9/06/81	D&M		-0.31		-1.20
18-2380-035	7/11/81	D&M	NO	-6.81	NO_x	-2.56
Broadway	8/05/81	D&M		2.44		4.15
Medical	9/04/81	KY		-2.19		0.23
Bldgs.	9/07/81	D&M		1.38		—
	7/11/81	D&M	NMOC	0.14	CH_4	-2.13
	8/05/81	D&M		-5.08		-3.34
	9/07/81	D&M		0.01		-1.33
18-3710-004	7/12/81	D&M	NO	-6.34	NO_x	-4.22
Roby	8/06/81	D&M		-0.17		0.99
Elementary	9/02/81	KY		-7.64		—
School	9/06/81	D&M		-4.62		-4.02
	7/12/81	D&M	O_3	-6.24		
	8/06/81	D&M		-6.88		
	9/02/81	KY		2.00		
	9/05/81	D&M		-6.29		
18-2380-021	7/13/81	D&M	O_3	-33.85		
WLKY-TV	9/05/81	D&M		-26.88		
	9/15/81	KY		-1.68		

(continued)

TABLE 4-2. (continued)

Site	Date	Audit By	Parameter	Average Percent Difference[1]	Parameter	Average Percent Difference[1]
15-0640-003	7/14/81	D&M	O_3	-0.81		
Army Ammo.	8/04/81	IN		-1.51		
Plant	8/05/81	IN		-5.06		
	8/13/81	D&M		15.84		
	8/18/81	IN		-6.06		
	9/01/81	IN		-6.82		
	9/05/81	D&M		-1.34		

[1]Computed at 80 percent full scale.

SECTION 5

PRECISION AND ACCURACY

PROTOCOL

The procedures for calculating precision and accuracy statistics are given in 40 CFR 58, Appendix A, Section 4.1.

Each air quality monitor operated by Dames & Moore was subjected to a precision check at 20 percent of full scale twice per week. The analyzers operated by other organizations participating in this study were precision checked less frequently but within the biweekly requirement of 40 CFR 58. The precision check data were then used to calculate the overall precision statistics for each analyzer and for all analyzers in this study.

Each analyzer in the study was also audited for accuracy by Dames & Moore three times. Selected analyzers were also audited by other agencies as described in Section 4.0. The audit results from all audits were then used to compute overall accuracy statistics for each analyzer and for all analyzers in this study.

RESULTS ACHIEVED

Tables 5-1 and 5-2 summarize the precision and accuracy results for Nashville and Louisville, respectively. These results include all analyzers and audits and not just those operated or performed by Dames & Moore. There are double entries in Tables 5-1 and 5-2 because not all organizations performed their audits at the same concentration levels.

SPAN VARIABILITY CONTROL CHARTS

Control charts were maintained on a daily basis documenting the variability of each analyzer to span inputs at 80 percent of full scale. These results are not required or included in the 40 CFR 58 precision statistics, but they do provide an effective visual demonstration of the stability and, therefore, precision of the analyzers. Figures 5-1 and 5-2 present graphically the span variability reports for Nashville and Louisville, respectively.

DATA ASSESSMENT REPORT

AUTOMATED ANALYZERS

TABLE 5-1
Nashville

STATE (1 2)	REPORTING ORGANIZATION (3 4 5)	YEAR (6 7)	QUARTER (8)
4 4		8 1	3

SEND COMPLETED FORM TO REGIONAL OFFICE WITH COPY TO EMSL/RTP

NAME OF REPORTING ORGANIZATION Dames & Moore

PRECISION

	(9-14)	NO OF ANALYZERS[1] (15-17)	NO OF PRECISION CHECKS (18-21)	PROBABILITY LIMITS LOWER (22-27)	PROBABILITY LIMITS UPPER (22-27)
NO	C42601	3	67	-15	8
NO_x	C42603	3	67	-15	9
NMOC	C43102	2	41	-7	13
CH_4	C43201	2	41	-5	5
O_3	C44201	4	59	-13	13

ACCURACY

	(28-33)	TRACEABILITY (34)	SOURCE OF LOCAL PRIMARY STANDARD[2] (35)	NO. OF AUDITS (36-38)	LEVEL 1 LOWER (39-44)	LEVEL 1 UPPER	LEVEL 2 LOWER (45-50)	LEVEL 2 UPPER	LEVEL 3 LOWER (51-56)	LEVEL 3 UPPER	LEVEL 4 LOWER (57-62)	LEVEL 4 UPPER	NO. OF AUDITS AT LEVEL 4 (63-66)
NO	C42601	2	F	9	-17	12	-12	10	-8	9			
NO_x	C42603	2	F	9	-19	15	-13	12	-10	12			
NMOC	C43102	2	E	4	-8	1							
NMOC	C43102	2	E	8			-9	15	-3	8			
CH_4	C43201	2	E	8	-18	28			-2	7			
CH_4	C43201	2	F	6			-3	3			-5	2	6
O_3	C44201	2	D	21	-16	14	-14	10	-12	9			

[1] COUNT ONLY REFERENCE OR EQUIVALENT MONITORING METHODS

[2] Identify according to the following code
D. PHOTOMETER
F. OTHER - Scott Specialty Gas (Certified by NBS)

DATA ASSESSMENT REPORT

AUTOMATED ANALYZERS

TABLE 5-2

Louisville

STATE: 1 8 (1 2) | REPORTING ORGANIZATION: (3 4 5) | YEAR: 8 1 (6 7) | QUARTER: 3 (8)

SEND COMPLETED FORM TO REGIONAL OFFICE WITH COPY TO EMSL/RTP

NAME OF REPORTING ORGANIZATION Dames & Moore

PRECISION

		No. of Analyzers[1] (15–17)	No. of Precision Checks (18–21)	Probability Limits Lower (22–27)	Probability Limits Upper (22–27)
NO	C42601 (9–14)	3	64	-10	6
NO_x	C42603 (9–14)	3	64	-11	8
NMOC	C43102 (9–14)	2	46	-9	16
CH_4	C43201 (9–14)	2	46	-8	2
O_3	C44201 (9–14)	3	31	-19	13

ACCURACY

	Traceability (28–33)	(34)	Source of Local Primary Standard[2] (35)	No. of Audits (36–38)	Level 1 Lower (39–44)	Level 1 Upper	Level 2 Lower (45–50)	Level 2 Upper	Level 3 Lower (51–56)	Level 3 Upper	Level 4 Lower (57–62)	Level 4 Upper	No. of Audits at Level 4 (63–66)
NO	C42601	2	F	11	-19	12	-14	6	-12	7			
NO_x	C42603	2	F	9	-15	12	-9	6	-8	8			
NMOC	C43102	2	F	4	-36	6							
NMOC	C43102	2	F	6			-10	-2	-9	3			
CH_4	C43201	2	F	6	-12	11	-5	2					
CH_4	C43201	2	F	4					-4	1	-5	1	4
O_3	C44201	2	D	14	-39	23			-29	17			
O_3	C44201	2	D	10			-38	25					

[1] COUNT ONLY REFERENCE OR EQUIVALENT MONITORING METHODS

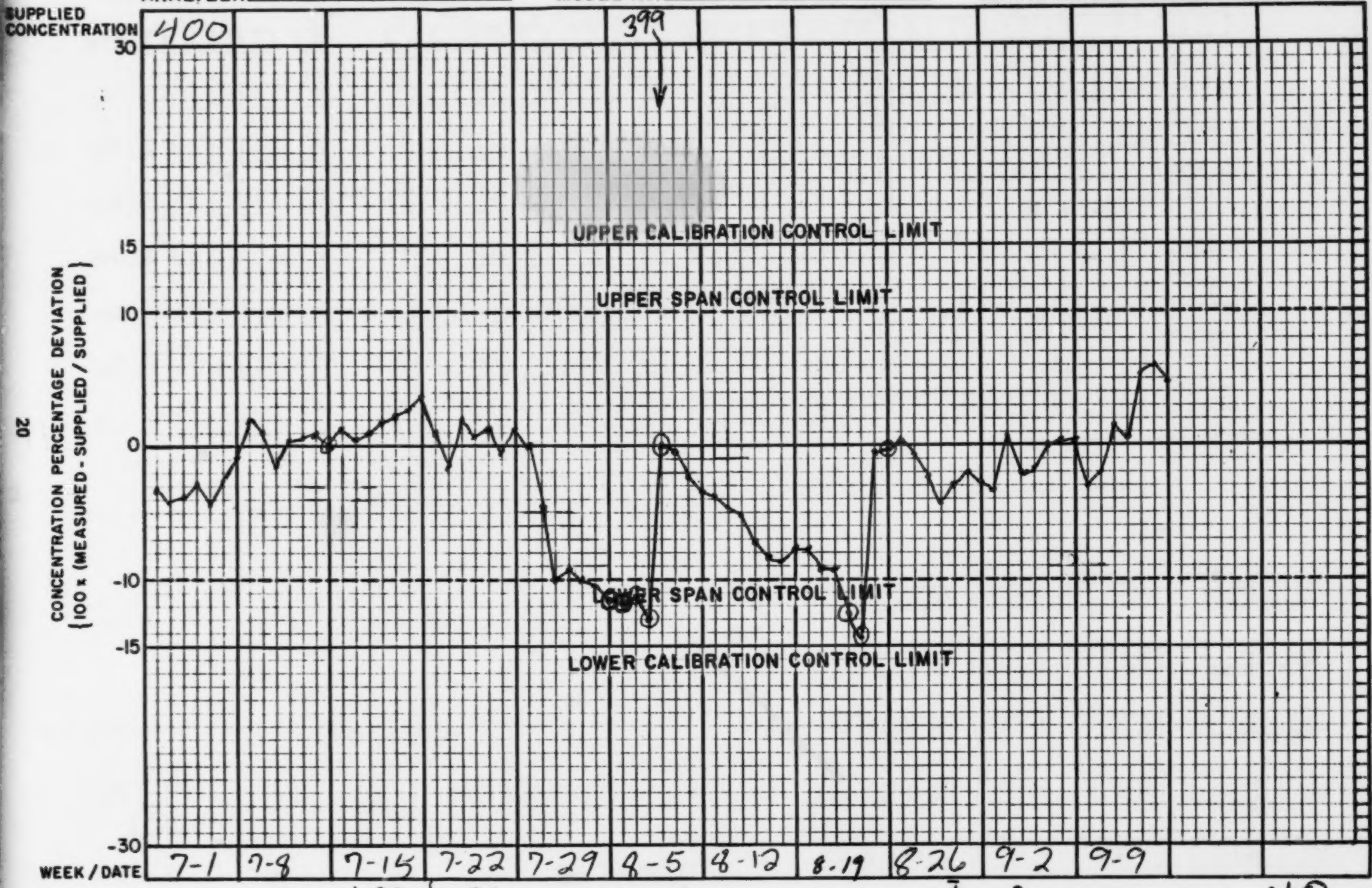
[2] Identify according to the following code
D. PHOTOMETER
F. OTHER - Scott Specialty Gas (Certified by RTI)

FIGURE 5-1

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB Nashville - O_3 SITE Lentz

ANALYZER Teco MODEL NO. 14B SERIAL NO. 9933-112



START 1 July 81

END 9 / 15 / 81

MONTH / DAY / YEAR

	$\bar{d}$	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NO

OPERATOR Totzke

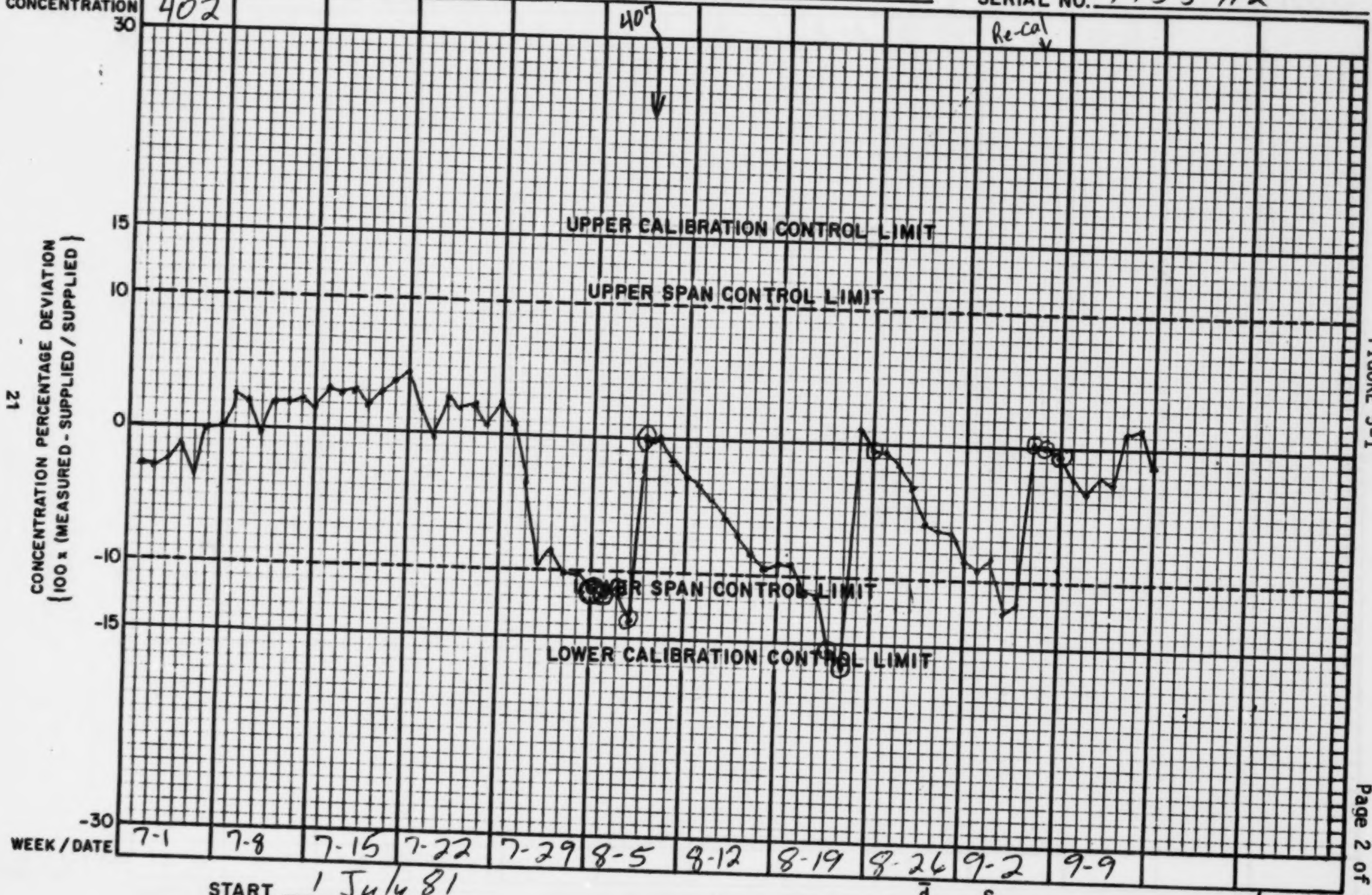
DAMES & MOORE

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB Nashville - O_3 SITE Lentz

ANALYZER Teco MODEL NO. 14B SERIAL NO. 9933-112

SUPPLIED CONCENTRATION 402



START 1 July 81

END 9/15/81

MONTH / DAY / YEAR

QUARTERLY

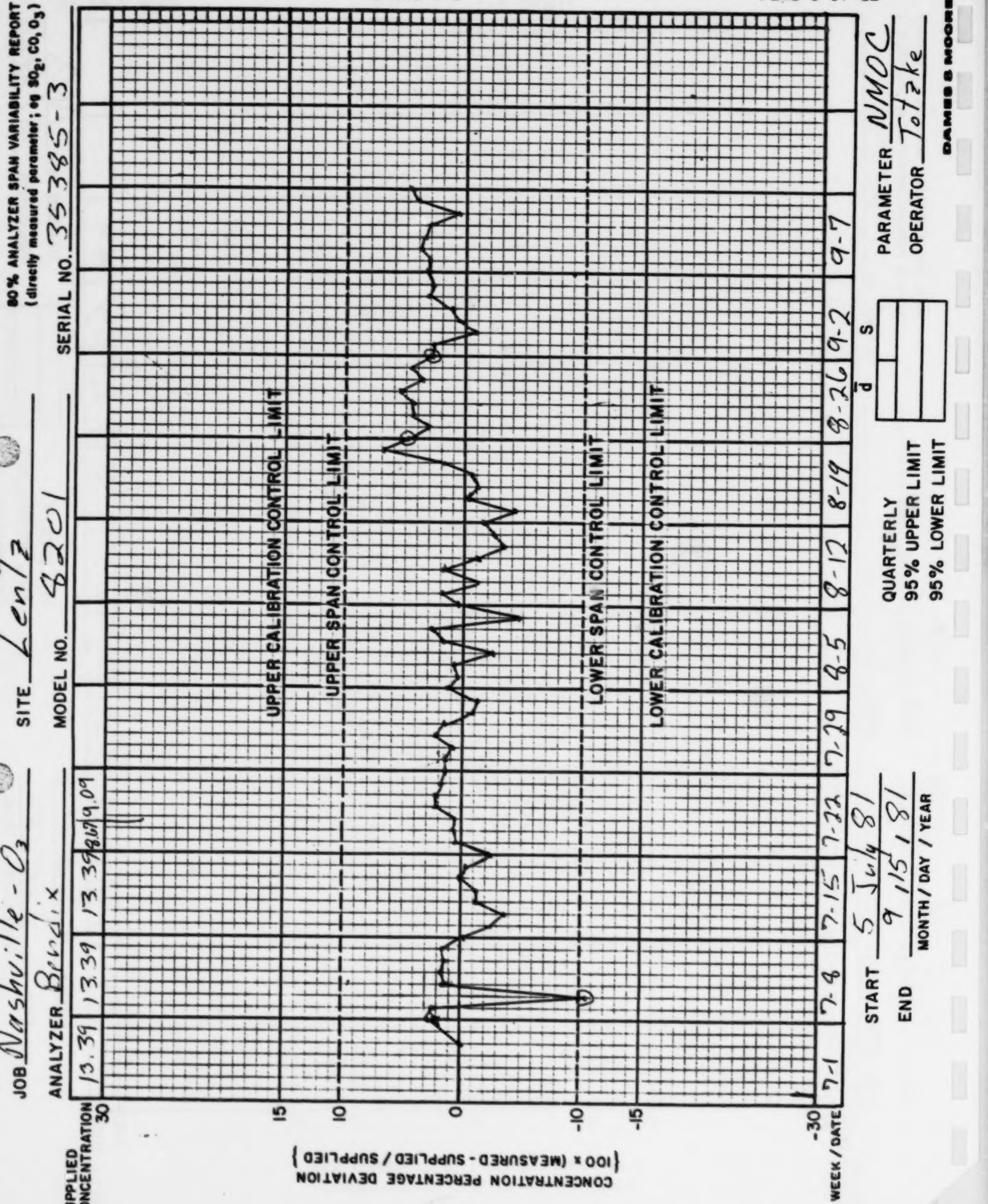
	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NO_x

OPERATOR Totzke

DAMES & MOORE

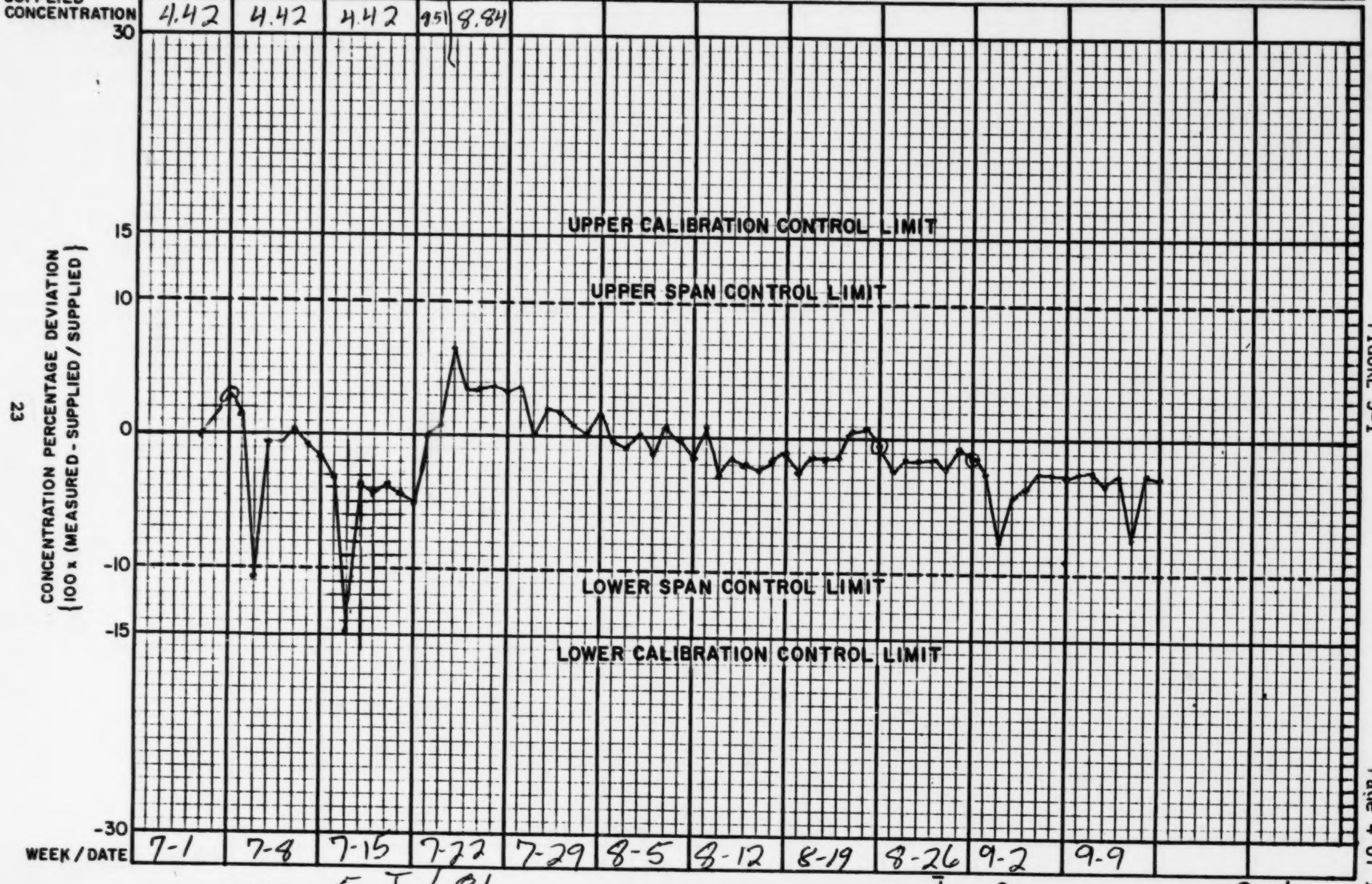
FIGURE 5-1


80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)
JOB Nashville - O_3
SITE Lentz
ANALYZER Bendix
MODEL NO. 8201
SERIAL NO. 35385-3
SUPPLIED CONCENTRATION
13.39
13.39
13.39
13.39
8.67
9.09
30
15
10
0
-10
-15
-30
CONCENTRATION PERCENTAGE DEVIATION
{100 x (MEASURED - SUPPLIED / SUPPLIED}
UPPER CALIBRATION CONTROL LIMIT
UPPER SPAN CONTROL LIMIT
LOWER SPAN CONTROL LIMIT
LOWER CALIBRATION CONTROL LIMIT
WEEK / DATE
7-1
7-8
7-15
7-22
7-29
8-5
8-12
8-19
8-26
9-2
9-7
START 5 July 81
END 9 / 15 / 81
MONTH / DAY / YEAR
QUARTERLY
95% UPPER LIMIT
95% LOWER LIMIT
d
s
PARAMETER NMOC
OPERATOR Totzke
DAMES & MOORE

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB Nashville - Ozone SITE 'Lentz

ANALYZER Bendix MODEL NO. 8201 SERIAL NO. 35385-3



START 5 July 81
END 9/15/81
MONTH / DAY / YEAR

QUARTERLY	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER CH_4
OPERATOR Tetzke

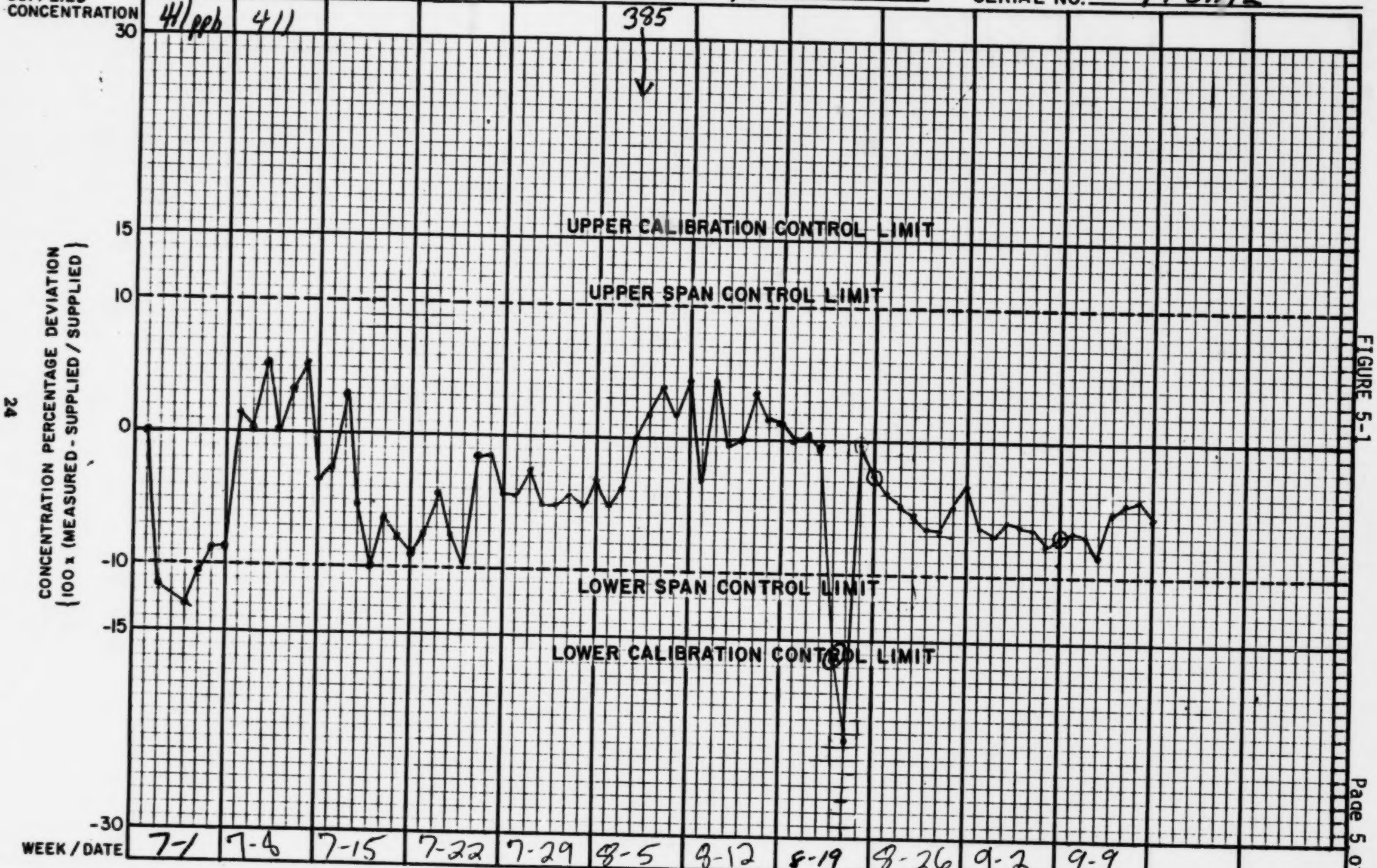
DAMES & MOORE

FIGURE 5-1

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 09094 -140 SITE TSU

ANALYZER ~~14 B/E~~ Teco NO MODEL NO. 14 B/E SERIAL NO. 9931112



START 7-1-81

END 9 / 15 / 81

MONTH / DAY / YEAR

QUARTERLY	d̄	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NO

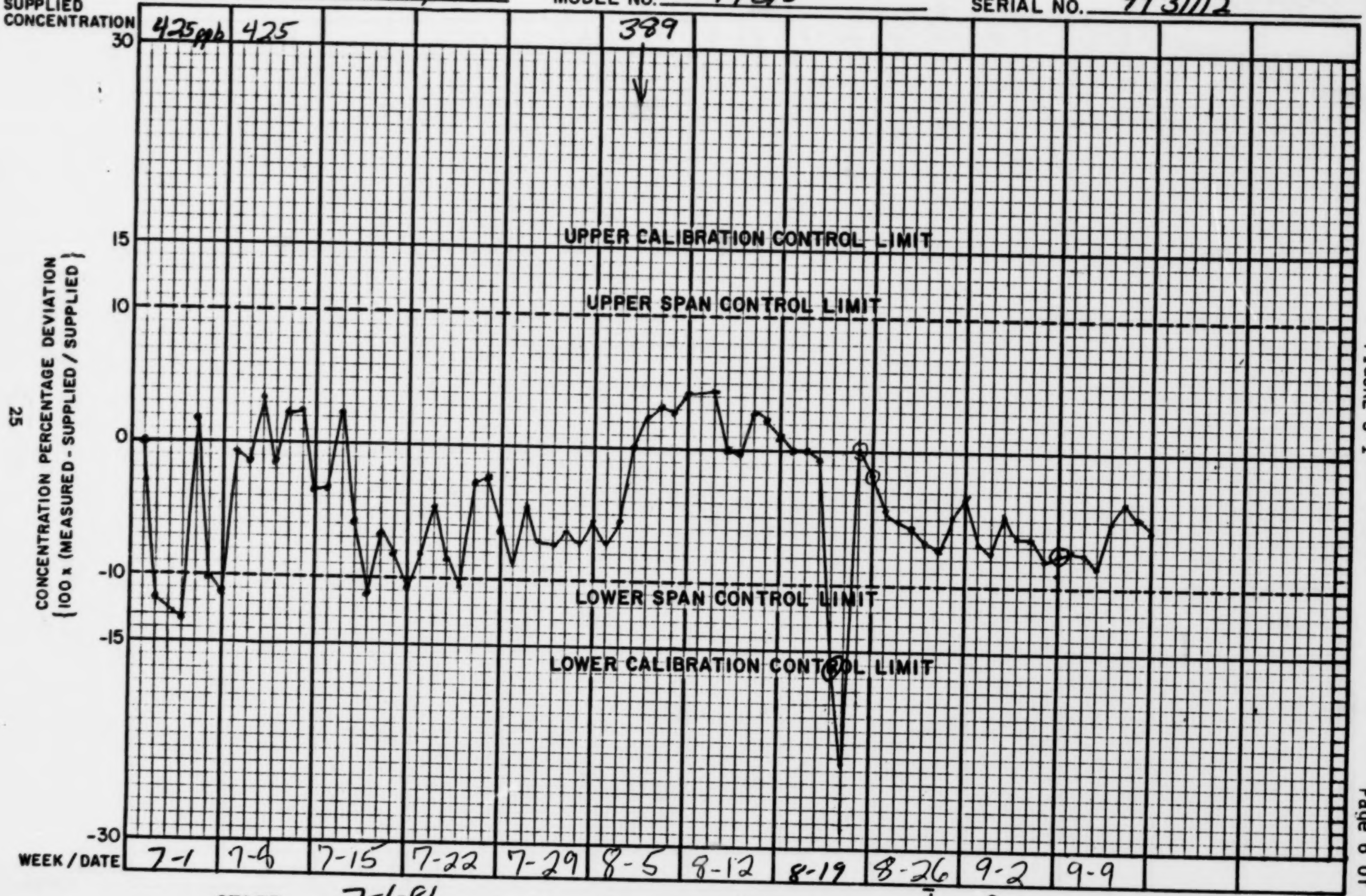
OPERATOR Jim Haywood

Totzke

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 09094 -140 SITE TSU

ANALYZER Teco NOx MODEL NO. 14B/E SERIAL NO. 9931112



START 7-1-81

END 9 /15/ 81

MONTH / DAY / YEAR

	$\bar{d}$	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

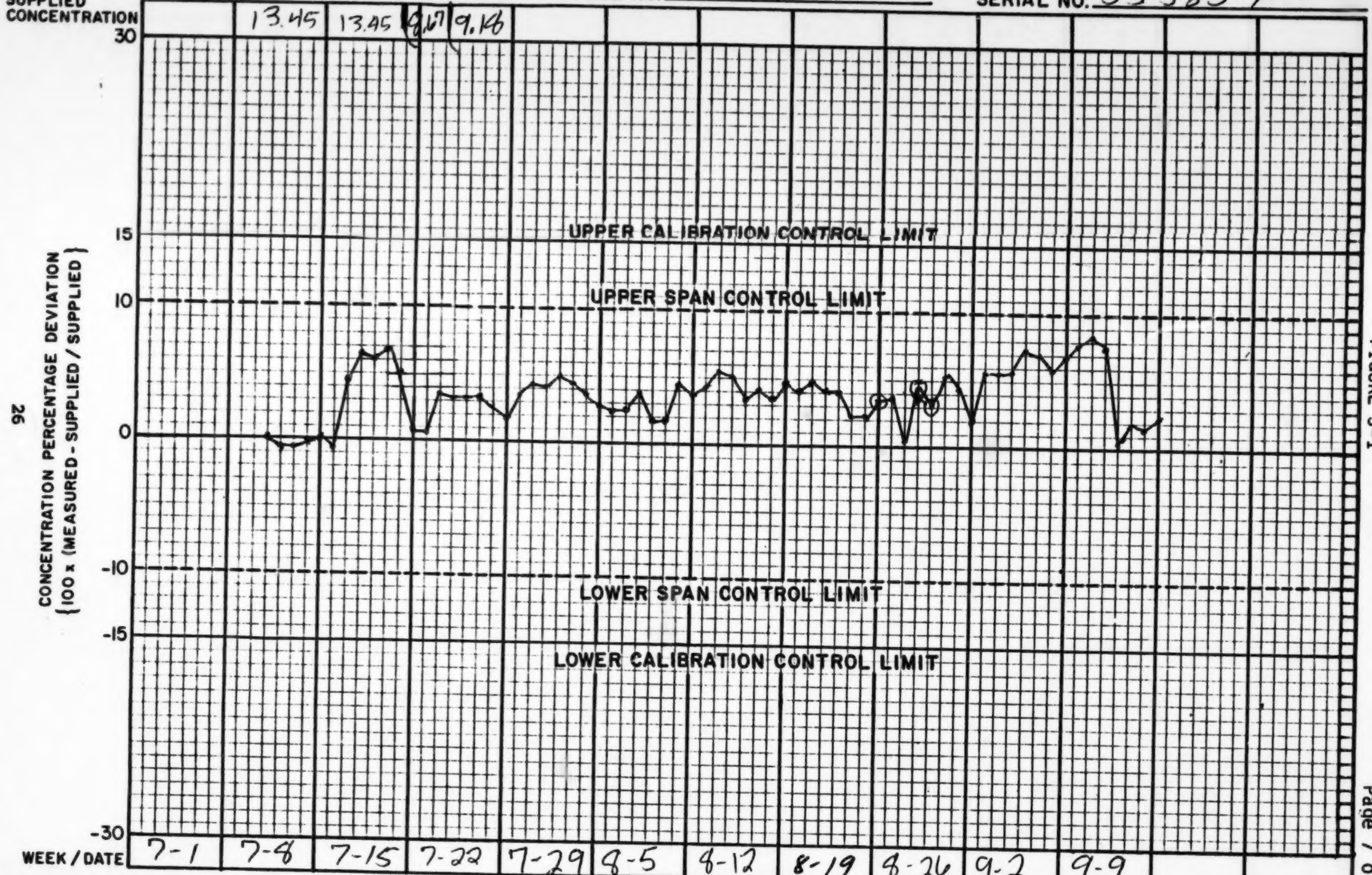
PARAMETER NOx

OPERATOR Jim Haywood

Totzke

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB Nashville-Ozone SITE TSU
ANALYZER Bendix MODEL NO. 8201 SERIAL NO. 35385-1



START 7-10-81
END 9 /15/ 81
MONTH / DAY / YEAR

	$\bar{d}$	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NMOC
OPERATOR Totzke

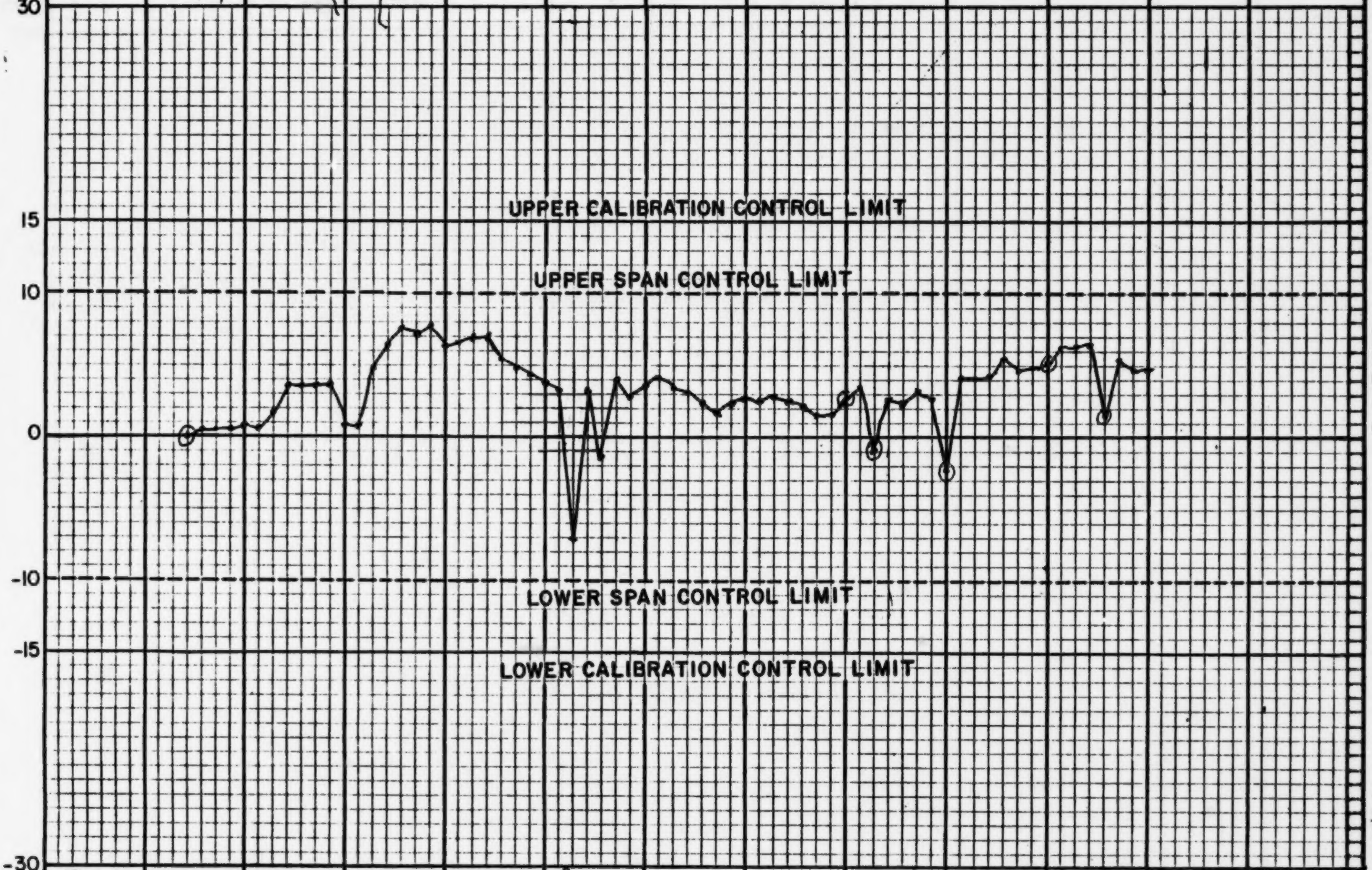
DAMES & MOORE

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB Nashville- Ozone SITE TSU

ANALYZER Bendix MODEL NO. 8201 SERIAL NO. 35385-1

SUPPLIED CONCENTRATION	4.44	4.44	4.44	8.51	8.83									



WEEK / DATE	7-1	7-8	7-15	7-22	7-29	8-5	8-12	8-19	8-26	9-2	9-9		

START 7-10-81
END 9/15/81
MONTH / DAY / YEAR

QUARTERLY	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER CH_4
OPERATOR Totzke

DAMES & MOORE

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

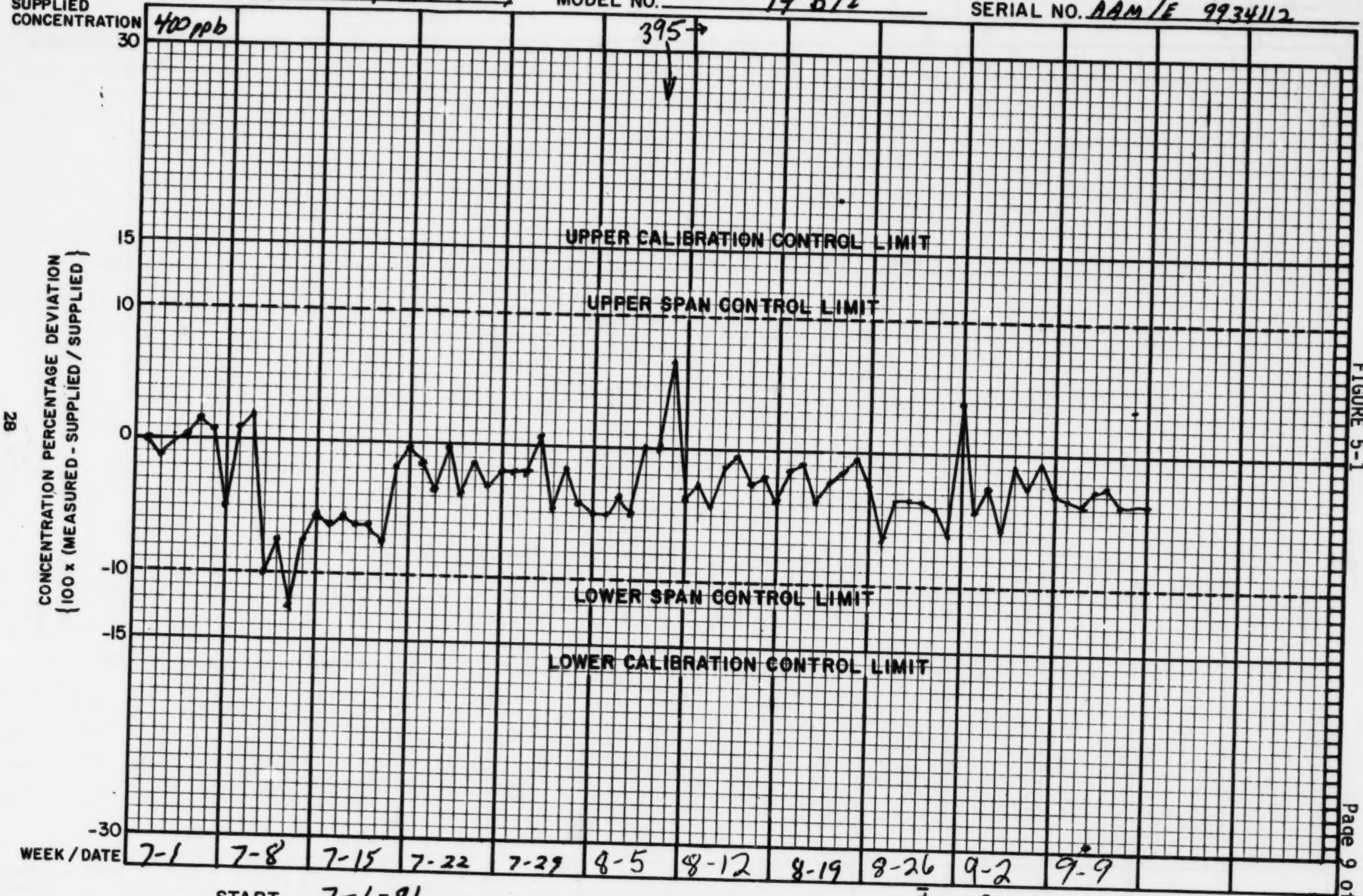
JOB 09094-140

SITE Spring Hill

ANALYZER TECO 14 B/E (NO)

MODEL NO. 14 B/E

SERIAL NO. AAM/E 9934112



START 7-1-81

END 9/15/81

MONTH / DAY / YEAR

	$\bar{d}$	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NO

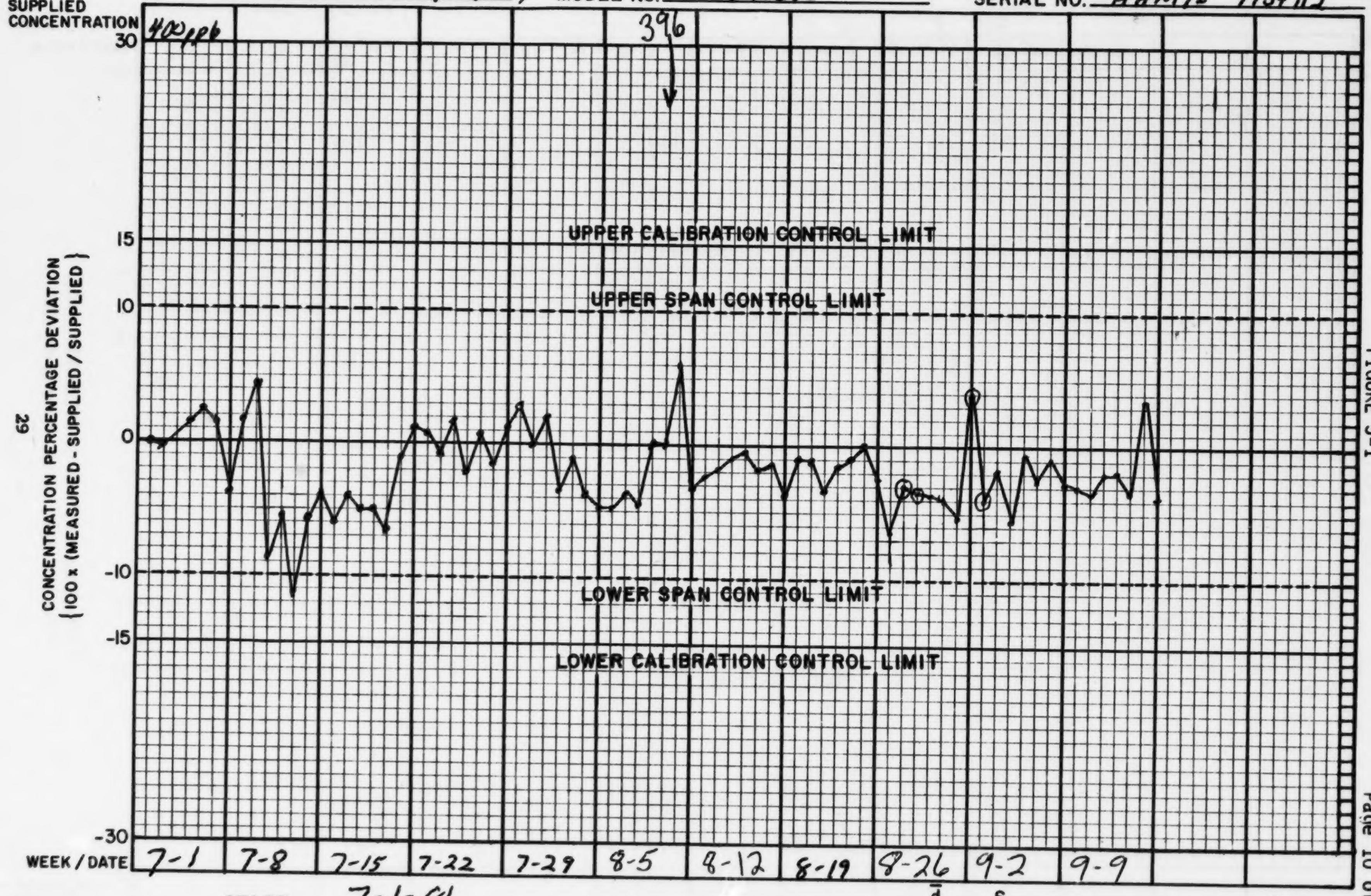
OPERATOR Jim Haywood
Totzke

DAMES & MOORE

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 09094-140 SITE Spring Hill

ANALYZER TECO 14 B/E (NOx) MODEL NO. 14 B/E SERIAL NO. AAM/E 9934112



START 7-1-81
END 9,15,81
MONTH / DAY / YEAR

QUARTERLY	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NOx
OPERATOR Jim Haywood
Totzke

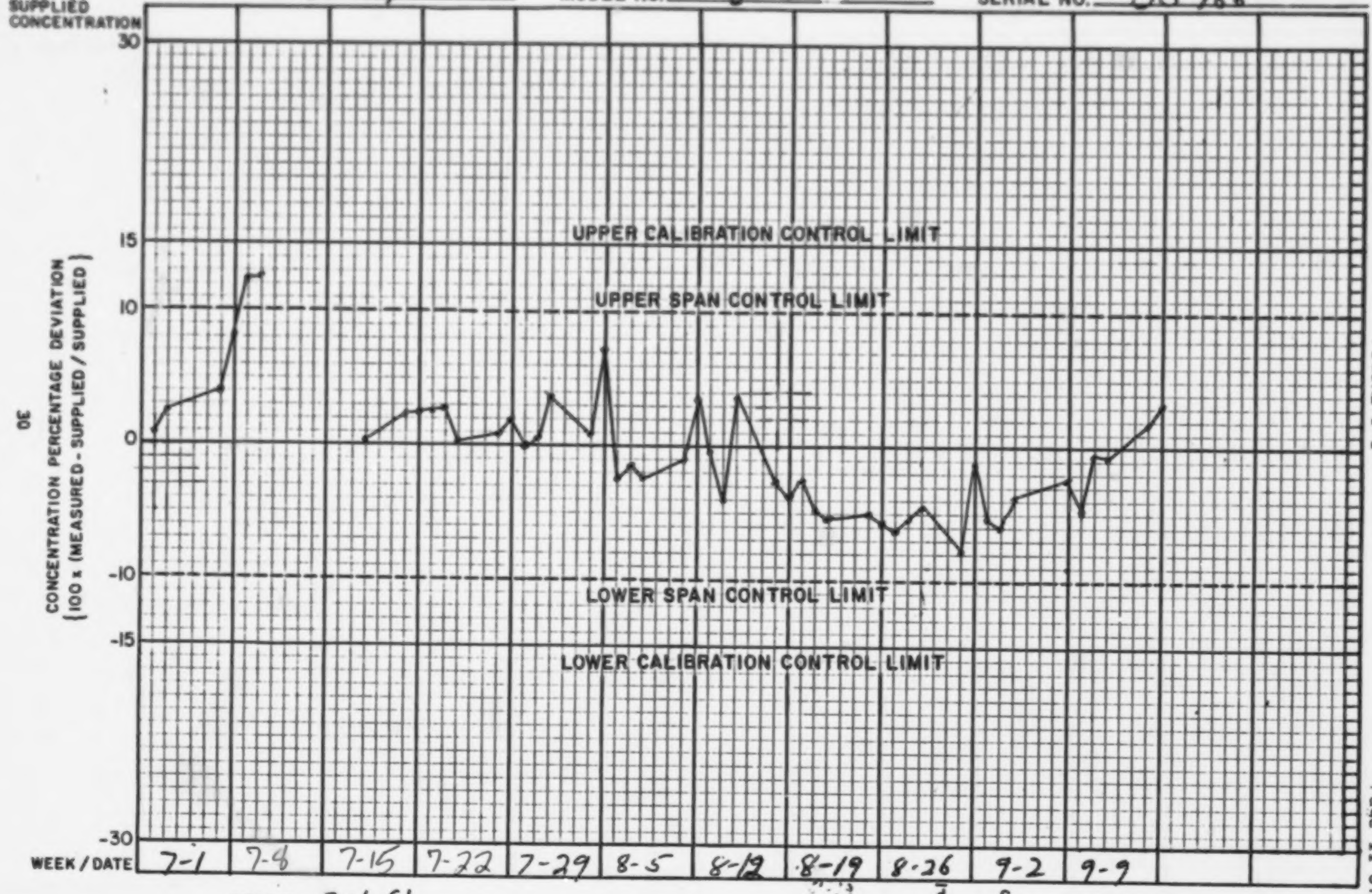
DAMES & MOORE

FIGURE 5-1

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 09094-140 SITE East Health Center

ANALYZER Bendix MODEL NO. 8002 SERIAL NO. 35786



START 7-1-81

END 9 / 15 / 81
MONTH / DAY / YEAR

	d̄	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

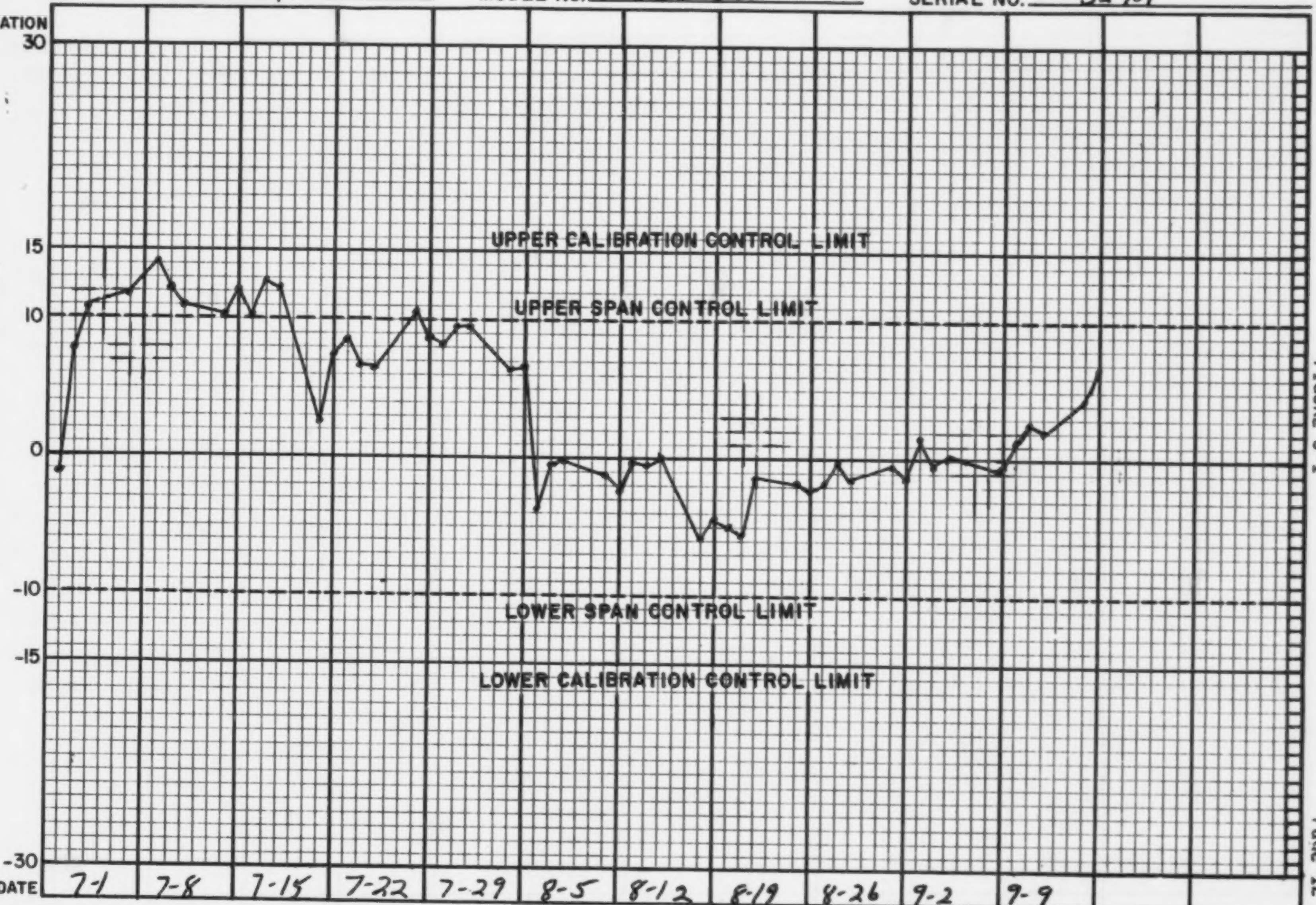
PARAMETER O_3

OPERATOR Jim Haywood

DAMES & MOORE

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 09094-140
SITE Percy Priest
ANALYZER Bendix
MODEL NO. 5513340
SERIAL NO. 32401



START 7-1-81
END 9/15/81
MONTH / DAY / YEAR

QUARTERLY	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

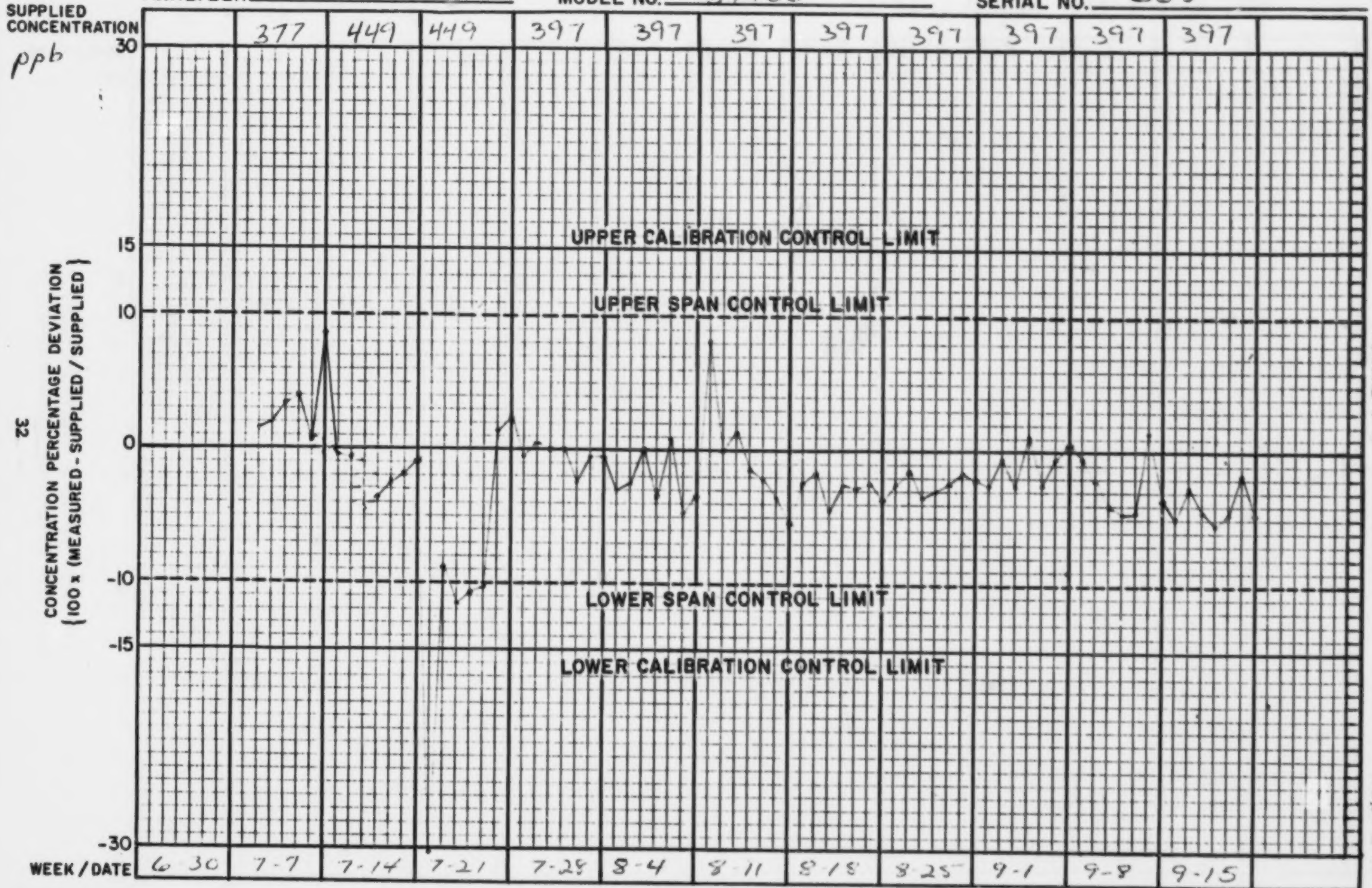
PARAMETER O_3
OPERATOR Jim Haywood

DAMES & MOORE

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 9094.140.07 SITE 18.2380.035 Louisville

ANALYZER Monitor Labs MODEL NO. 8440E SERIAL NO. 565



START 6-24-81
END 9/15/81
MONTH / DAY / YEAR

QUARTERLY

	d̄	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NO
OPERATOR Merritt

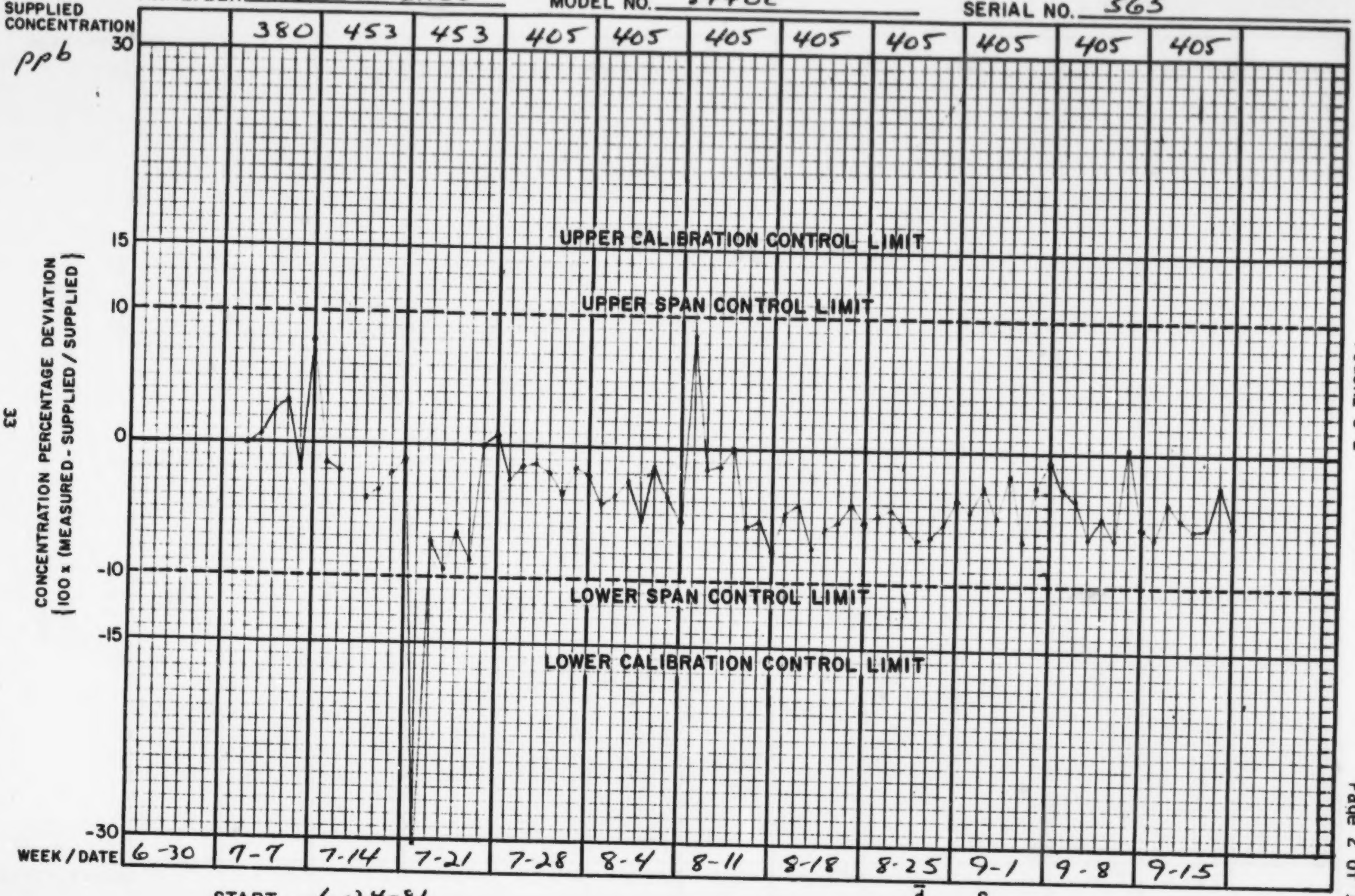
DAMES & MOORE

FIGURE 5-2

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 9094-140-07 SITE 18-2380-035 Louisville

ANALYZER Monitor Labs MODEL NO. 8440E SERIAL NO. 565



START 6-24-81
END 9/15/81
MONTH / DAY / YEAR

	$\bar{d}$	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NOx
OPERATOR Merritt

DAMES & MOORE

78-2380-055

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 9094-140-07 SITE Louisville, Ky

ANALYZER Bendix MODEL NO. 8202 SERIAL NO. B2242-1-2

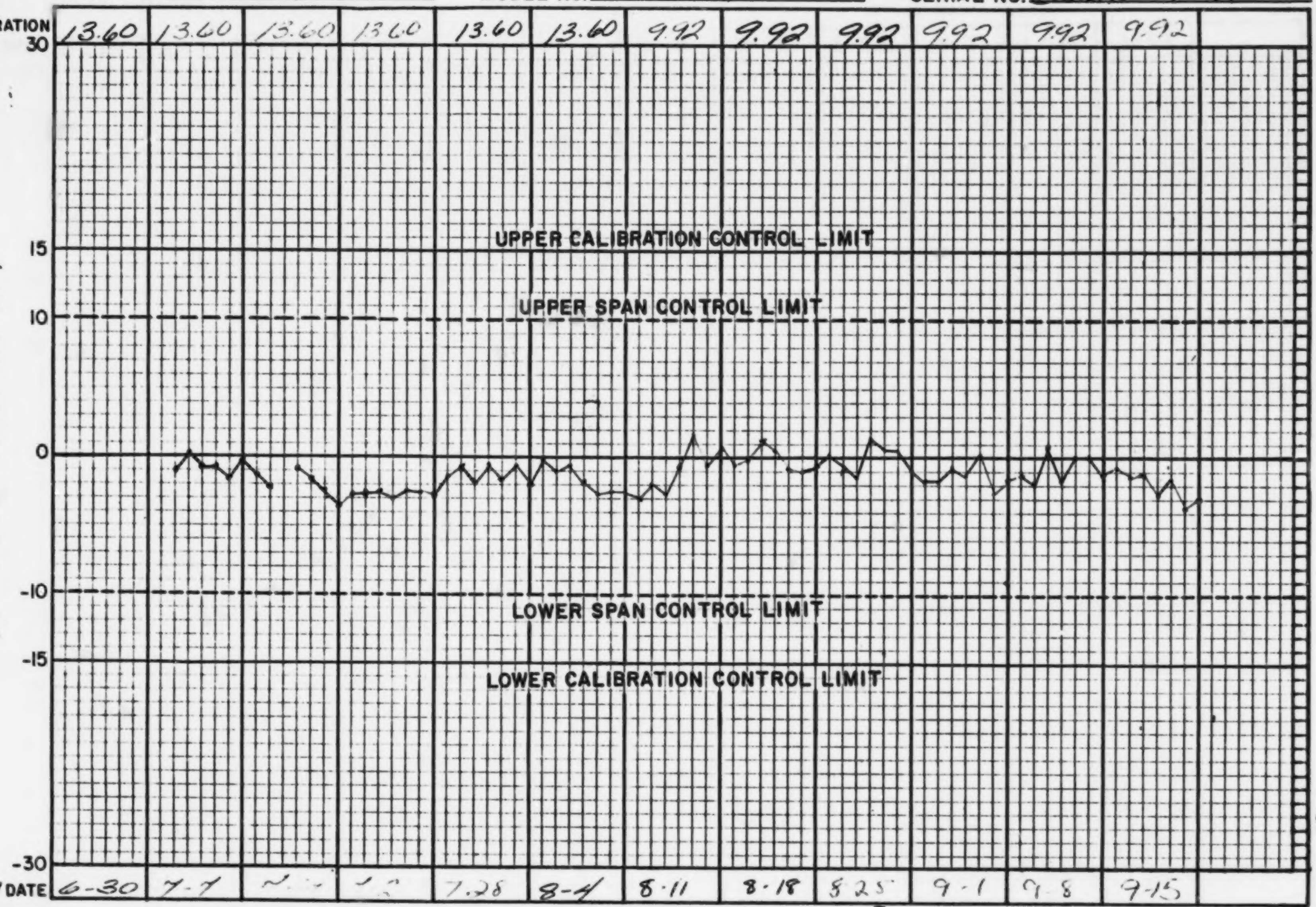


FIGURE 5-2

START 6-24-81
END 9/15/81
MONTH / DAY / YEAR

QUARTERLY	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NMOC
OPERATOR Merritt

DAMES & MOORE

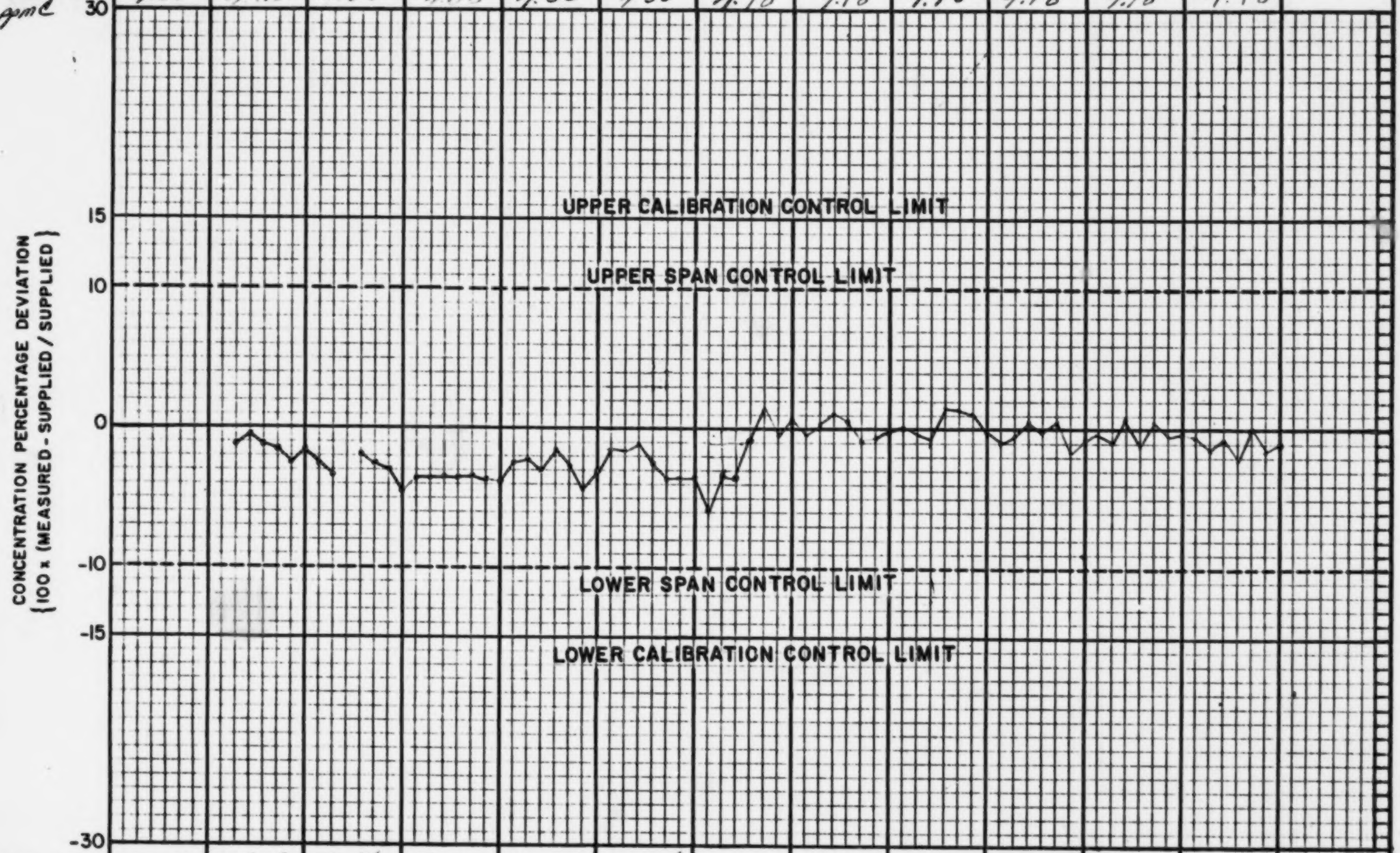
80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

18-2380-035

JOB 9094-140-07 SITE Louisville, Ky

ANALYZER Bendix MODEL NO. 8202 SERIAL NO. B2242-1-2

SUPPLIED CONCENTRATION ppm	4.55	4.55	4.55	4.55	4.55	4.55	9.18	9.18	9.18	9.18	9.18	9.18	
WEEK / DATE	6-30	7-7	7-14	7-21	7-28	8-4	8-11	8-18	8-25	9-1	9-8	9-15	



START 6-24-81
END 9/15/81
MONTH / DAY / YEAR

QUARTERLY
95% UPPER LIMIT
95% LOWER LIMIT

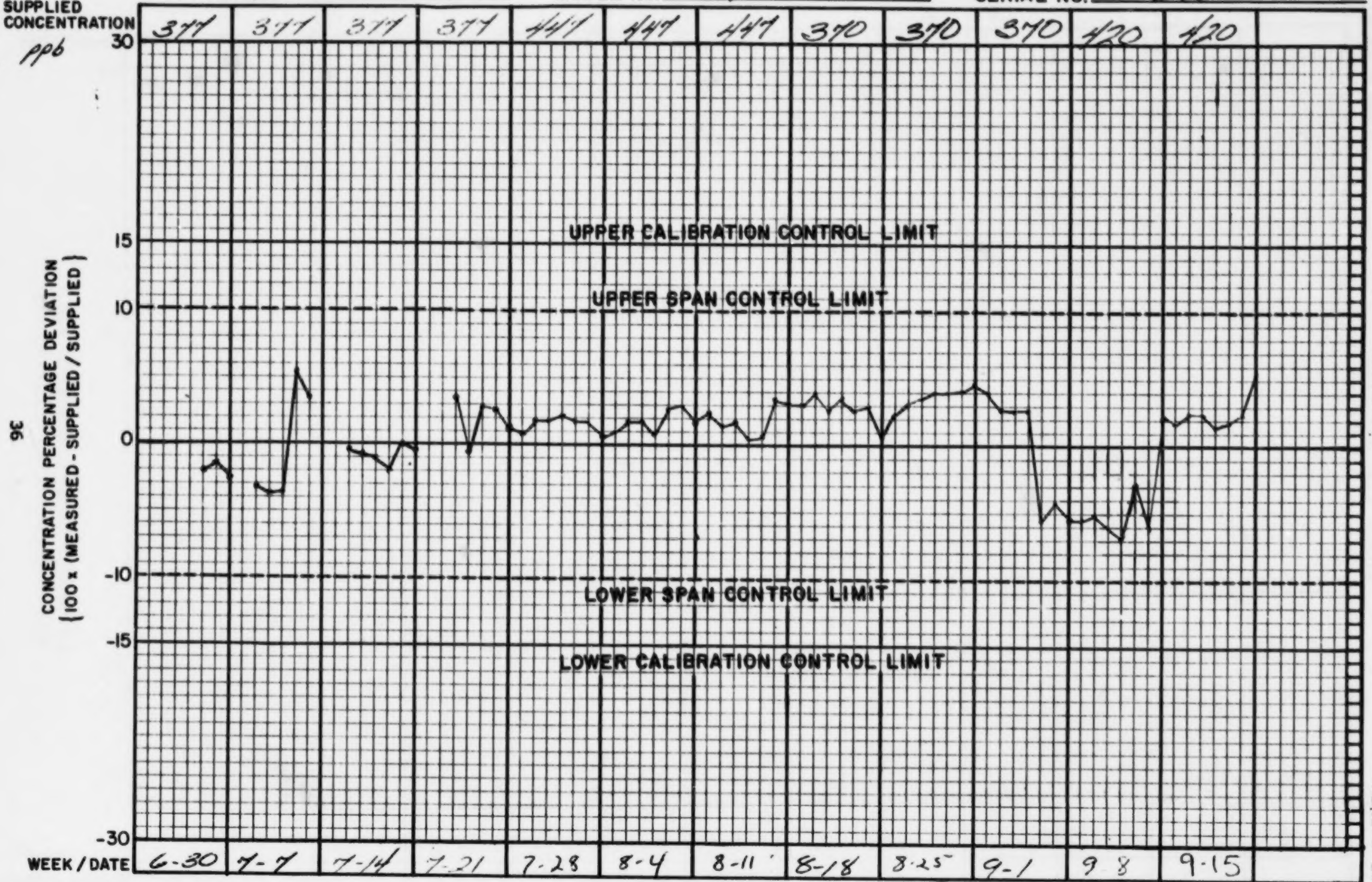
	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER CH4
OPERATOR Merritt

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 9094-140-07 SITE Jeffersonville

ANALYZER Monitor Labs MODEL NO. 8440 E SERIAL NO. 570



START 6-24-81
END 9/15/81
MONTH / DAY / YEAR

	$\bar{d}$	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NO
OPERATOR Merritt

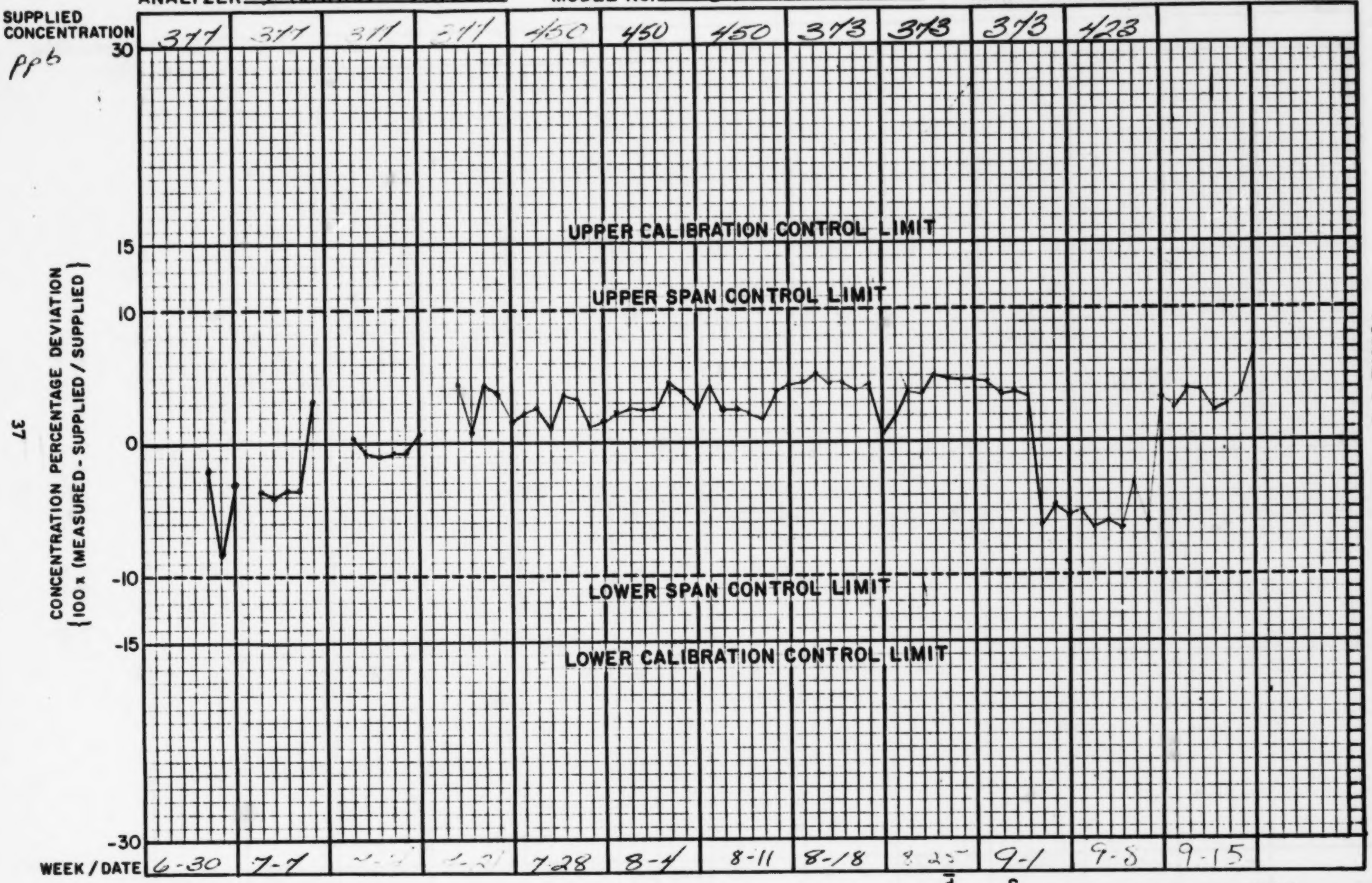
DAMES & MOORE

15-2160-002

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 9094-140-01 SITE Jeffersonville

ANALYZER Monitor Labs MODEL NO. 8440E SERIAL NO. 570



START 6-24-81
END 9/15/81
MONTH / DAY / YEAR

QUARTERLY	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NOx
OPERATOR Merritt

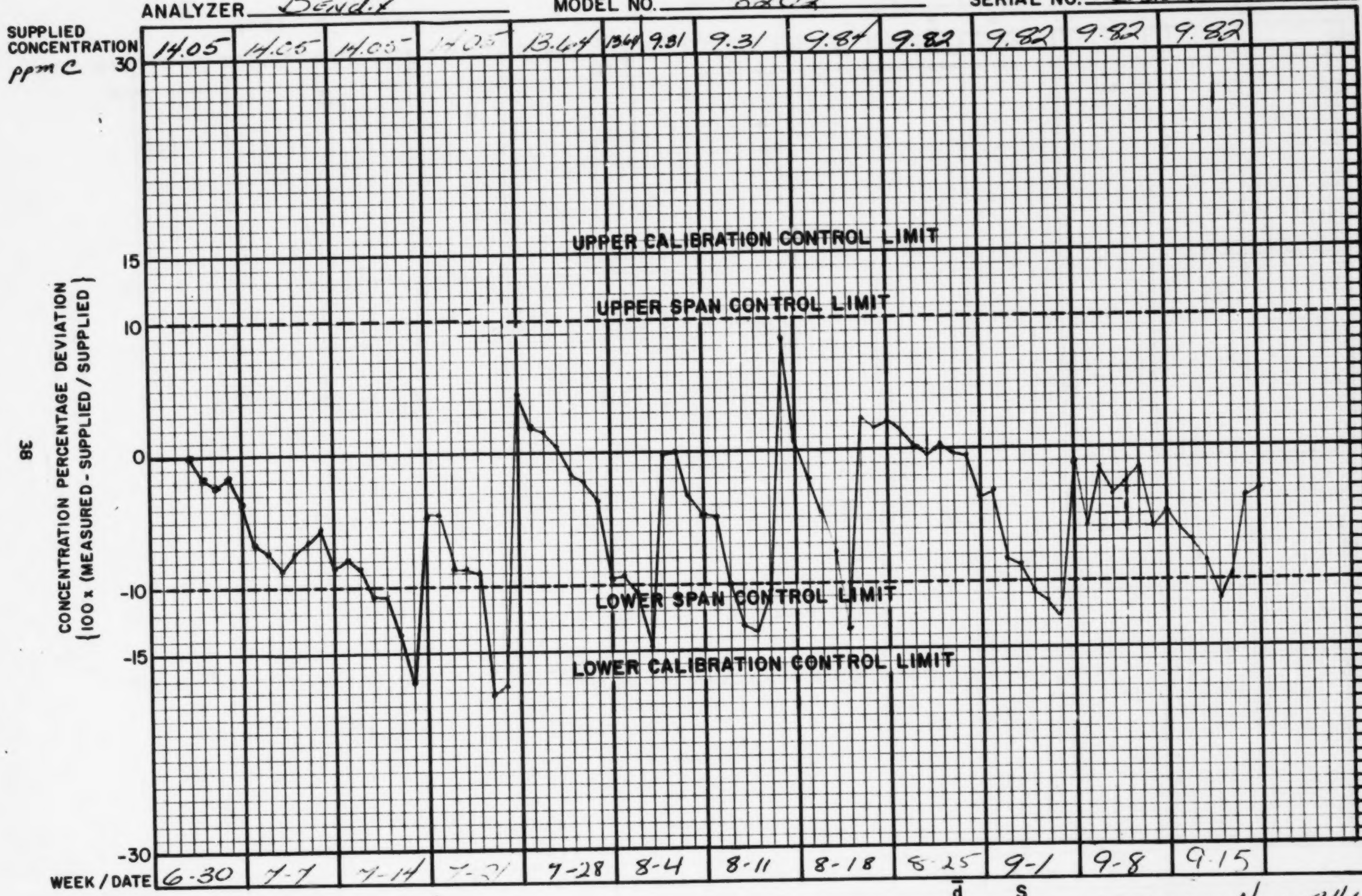
DAMES & MOORE

FIGURE 5-2

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 9094-140-01 SITE Jeffersonville

ANALYZER Bendix MODEL NO. 8202 SERIAL NO. B2242-1-1



START 6-24-81

END 9/15/81

MONTH / DAY / YEAR

QUARTERLY	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER Non-CH4

OPERATOR Merritt

DAMES & MOORE

FIGURE 5-2

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

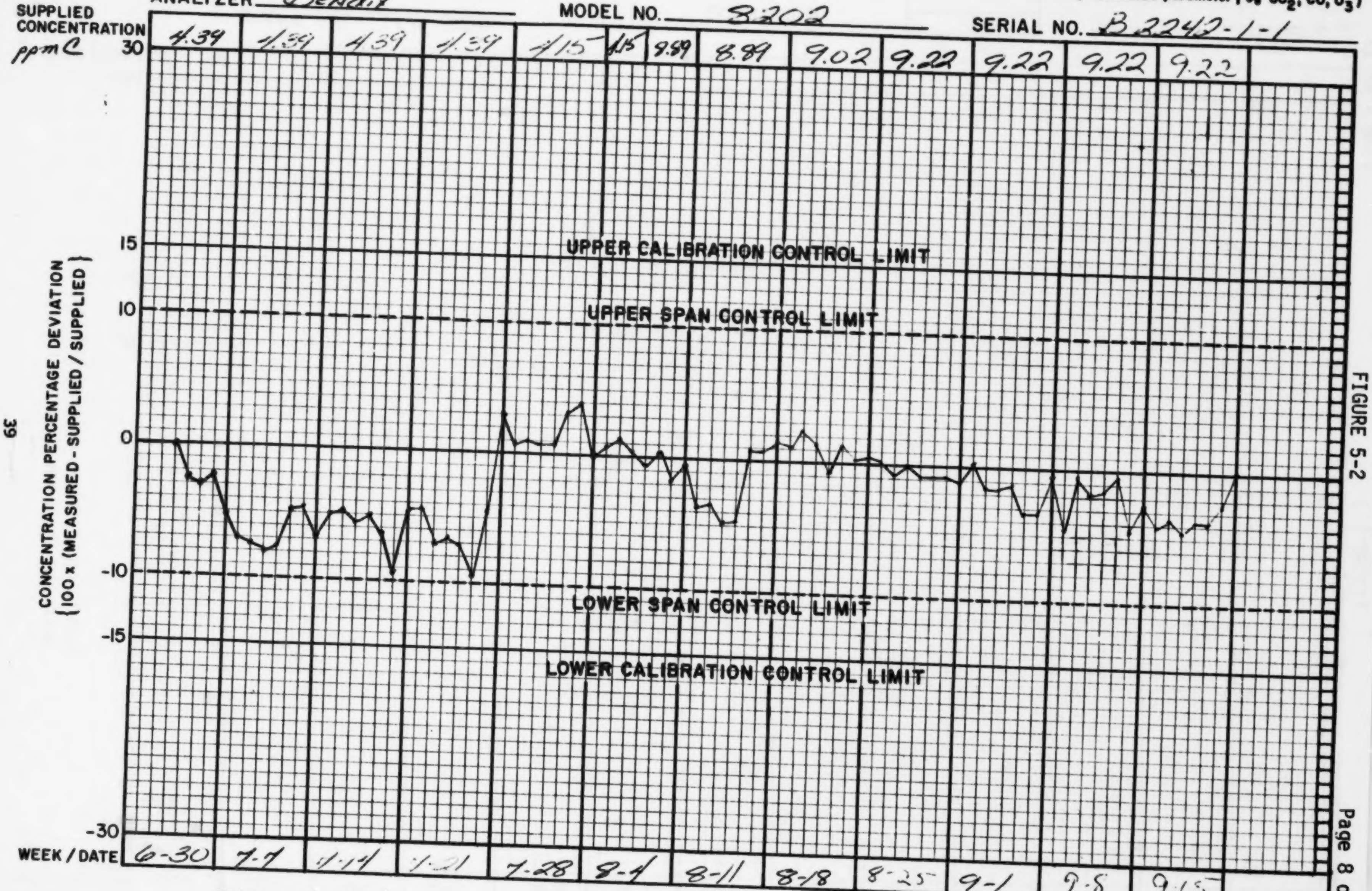
JOB 9094-140-01 15-2160-002

SITE Jeffersonville

ANALYZER Bendix

MODEL NO. 8202

SERIAL NO. B 2242-1-1



START 6-24-81

END 9/15/81

MONTH / DAY / YEAR

QUARTERLY

	$\bar{d}$	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

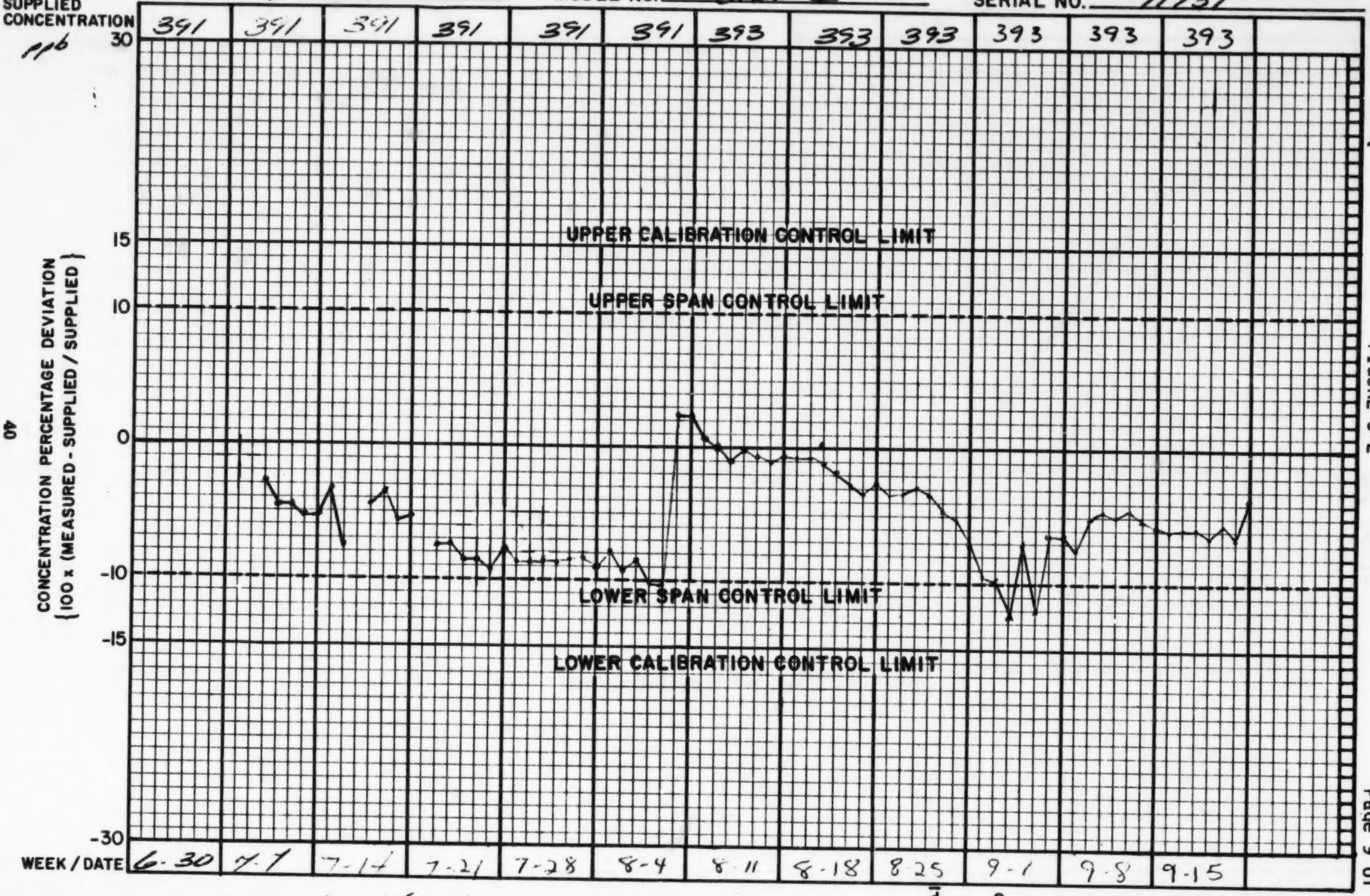
PARAMETER TOC CH4

OPERATOR Merritt

DAMES & MOORE

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 9094-140-07 SITE Shepardsville
ANALYZER Bendix MODEL NO. 8101 C SERIAL NO. 11781



START 6-24-81
END 9/15/81
MONTH / DAY / YEAR

QUARTERLY
95% UPPER LIMIT
95% LOWER LIMIT

	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NO
OPERATOR Merritt

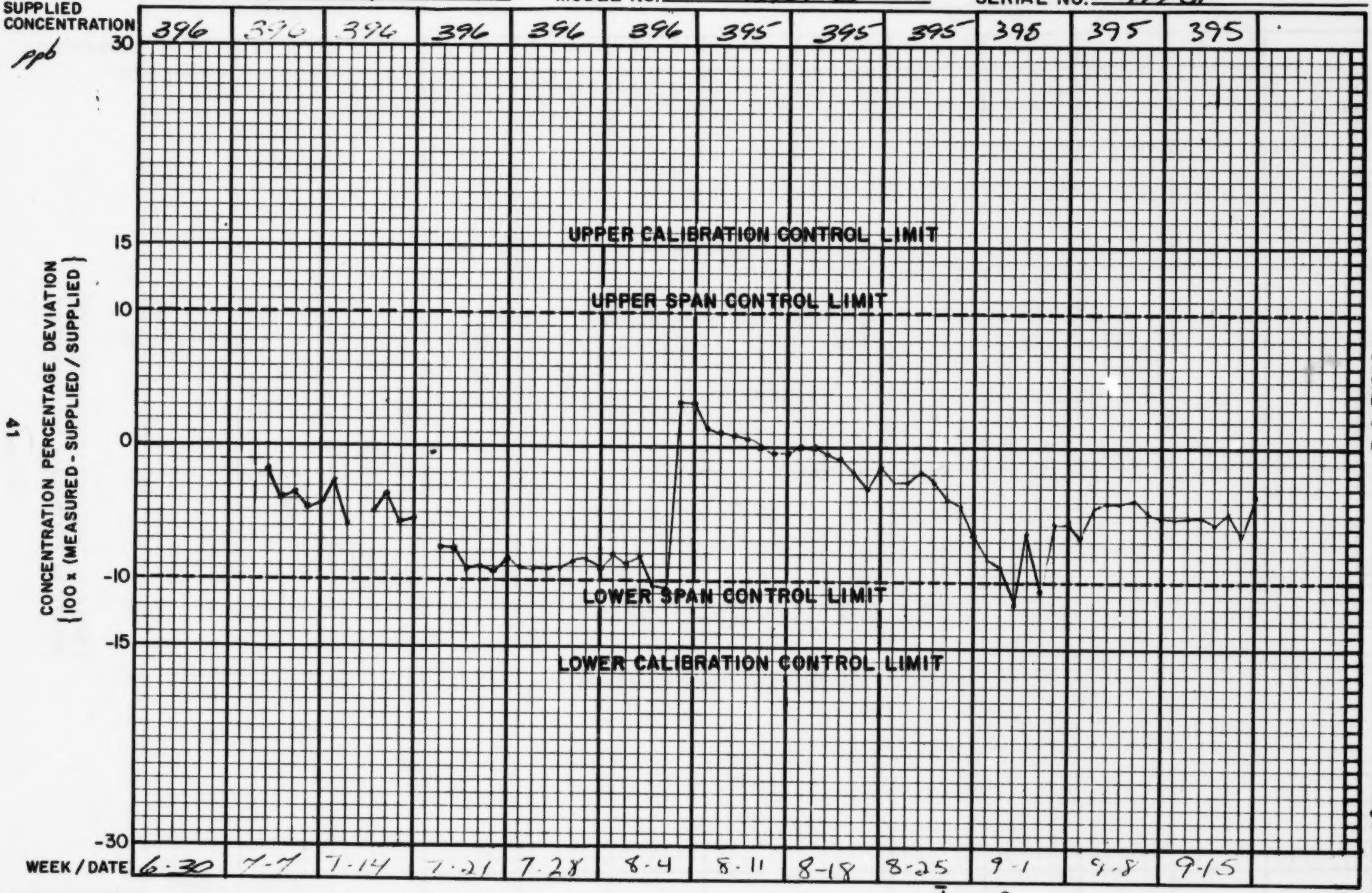
DAMES & MOORE

FIGURE 5-2

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 9094-140-07 SITE Shepardsville

ANALYZER Bendix MODEL NO. 8101 C SERIAL NO. 11781



START 6-24-81
END 9/15/81
MONTH / DAY / YEAR

QUARTERLY	$\bar{d}$	S
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER NOx
OPERATOR Merritt

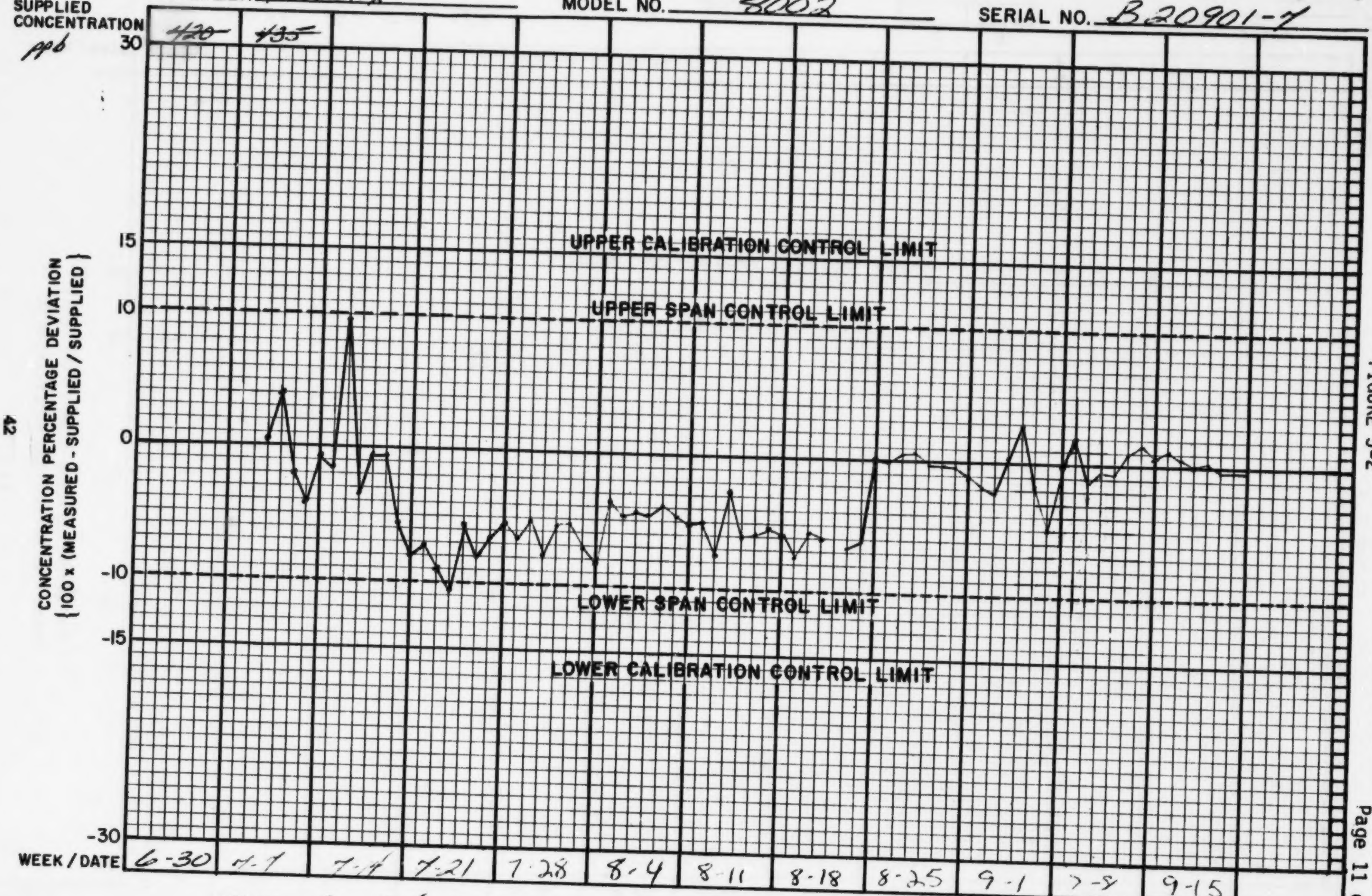
DAMES & MOORE

FIGURE 5-2

80% ANALYZER SPAN VARIABILITY REPORT
(directly measured parameter; eg SO_2, CO, O_3)

JOB 9094-140-07 SITE Shepardsville

ANALYZER Bendix MODEL NO. 8002 SERIAL NO. B20901-7



START 6-24-81

END 9/15/81
MONTH / DAY / YEAR

	$\bar{d}$	S
QUARTERLY		
95% UPPER LIMIT		
95% LOWER LIMIT		

PARAMETER O_3

OPERATOR Merritt

DAMES & MOORE

SECTION 6

DATA PRESENTATION

DATA RECOVERY

One goal of this project was to achieve at least 80 percent valid data recovery, excluding reasonable time for routine service, maintenance, precision checks, audits, and calibrations. That goal was met overall and was met individually for all analyzers except Trinity Lane (Nashville) O_3.

The Trinity Lane O_3 analyzer difficulties were related to the power source at that site (see Section 2.0). As a result, 203 hours (11.0 percent) of the data reported from this site were deleted from the data base because the strip chart trace was, in the judgment of the data validation team, anomalous for a properly functioning analyzer, even though it had passed the span and precision checks during this period.

The data recovery statistics in Table 6-1, therefore, present the raw data recovery, the data recovery allowing for reasonable exclusions, and the data recovery if the Trinity Lane anomalous trace data had not been removed.

The data listings in Appendices A and B present all of the valid data resulting from Dames & Moore's operation of the analyzers in Nashville and Louisville, respectively.

SPECIAL CONSIDERATIONS

The NMOC analyzers did occasionally overrange. That is, the ambient concentrations exceeded the full scale response of the analyzer. This happened three times on the NMOC channel but several times on the CH_4 channel. Since the CH_4 channel could not be set to a range higher than 10 ppm full scale, this situation had to be tolerated and given the following special treatment in the data reduction process.

Consider a strip chart trace with an ambient concentration increasing up to and exceeding the calibrated full scale range of the analyzer (e.g., 10.00 ppmC) during a portion of an hour. The data reduction treatment was to proportion the hour into increments that would segregate that portion of the trace that exceeded the full scale range, as in the following example:

TABLE 6-1. DATA RECOVERY SUMMARY, JULY 1, 1981 - SEPTEMBER 15, 1981

Code	Parameters	Total Possible Hours	Total Missing Hours	Missing After Exclusions	Percent Recovery: Total	Percent Recovery: After Exclusions*
44-2540-010 (Lentz)	NO	1848	79	44	95.7	97.6
	NO_x	1848	79	44	95.7	97.6
	CH_4	1848	139	117	92.5	93.7
	NMOC	1848	139	117	92.5	93.7
44-2540-011 (Trinity Lane)	O_3	1848	496	475	73.2	74.3†
44-2540-026 (Percy Priest Dam)	O_3	1848	28	11	98.5	99.4
44-2540-032 (TN State Univ.)	NO	1848	108	66	94.2	96.4
	NO_x	1848	108	66	94.2	96.4
	CH_4	1848	300	275	83.8	85.1
	NMOC	1848	277	254	85.0	86.3
44-2300-016 (Spring Hill)	NO	1848	44	19	97.6	99.0
	NO_x	1848	24	0	98.7	100.0
				Network Average	91.8	93.3
10-2380-035 (914 E. Broadway)	NO	1848	109	43	94.1	97.7
	NO_x	1848	109	43	94.1	97.7
	CH_4	1848	69	6	96.3	99.7
	NMOC	1848	64	0	96.5	100.0
15-2160-002 (Seagrams)	NO	1848	160	114	91.3	93.8
	NO_x	1848	162	114	91.2	93.8
	CH_4	1848	93	1	95.0	99.9
	NMOC	1848	94	1	94.9	99.9
	WS	1848	2	0	99.9	100.0
	WD	1848	2	0	99.9	100.0
10-3710-004 (Ruby School)	NO	1848	73	23	96.0	98.8
	NO_x	1848	79	29	95.7	98.4
	O_3	1848	101	65	94.5	96.5
	WS	1848	90	90	95.1	95.1
	WD	1848	90	90	95.1	95.1
				Network Average	95.3	97.8

*Excluding reasonable time for routine service, maintenance, precision checks, audits, and calibrations.

†85.3 including anomalous trace.

Time Period	Concentration
1200 - 1215	= 9.90 ppmC
1215 - 1230	= 9.15 ppmC
1230 - 1245	> 10.00 ppmC
1245 - 1300	= 8.85 ppmC

The average value for the hour would then be computed from these increments using the full scale response of the analyzer for the value of the over-range period. In this example, the concentration logged on the SAROAD form would be 9.48 ppmC.

Table 6-2 presents a listing of those hours that an overrange condition occurred and the percent of the hour affected.

TABLE 6-2. DATA OVERRANGE LISTING

Site	Parameter	Date (Hour Beginning)	Percent of Hour Off Scale
18-2380-035	NMOC	7/24/81 (0000)	1.7
Broadway Medical Bldgs.		7/24/81 (0100)	3.3
		8/18/81 (0200)	41.7
44-2540-010	CH_4	7/17/81 (2300)	11.7
Lentz Health Center		7/19/81 (0100)	16.7
		7/19/81 (0600)	6.7
		7/23/81 (0500)	75.0
		8/10/81 (0600)	16.7
		8/12/81 (0000)	11.7
		8/13/81 (0300)	33.3
		8/25/81 (0600)	6.7
		8/25/81 (0700)	6.7
		9/07/81 (0500)	90.0
		9/11/81 (0100)	6.7
		9/11/81 (0200)	53.3
		9/11/81 (0600)	11.7
44-2540-032	CH_4	7/12/81 (0200)	20.0
TN State University		7/12/81 (0300)	13.3
		7/15/81 (0600)	20.0
		7/27/81 (0000)	13.3
		7/31/81 (0100)	6.7
		7/31/81 (0200)	28.3
		7/31/81 (0400)	86.7
		8/09/81 (0400)	6.7
		8/10/81 (0500)	60.0
		8/11/81 (0000)	13.3
		8/11/81 (0100)	26.7
		8/13/81 (0000)	20.0
		8/13/81 (0100)	16.7
		8/13/81 (0200)	56.7
		8/26/81 (0000)	6.7
		9/05/81 (0000)	20.0
		9/06/81 (0500)	33.3
		9/06/81 (0600)	71.7
		9/09/81 (2200)	13.3
		9/11/81 (0500)	6.7
		9/11/81 (2100)	20.0
		9/11/81 (2200)	33.3
		9/13/81 (0100)	10.0
		9/13/81 (0200)	6.7
		9/13/81 (2200)	46.7

APPENDIX A

NASHVILLE HOURLY DATA LISTING

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 1
DATE 10/08/81.
TIME 12.02.01.

HOUR	*---LENTZ HEALTH CENTER---*				*---TN STATE UNIVERSITY---*				*SPRING HILL*		*PERCY*	*TRINITY*
BEGINNING	NO	NOX	NMOC	CH4	NO	NOX	NMOC	CH4	NO	NOX	O3	O3
YYMMDDHH	PPM	PPM	PPMC	PPMC	PPM	PPM	PPMC	PPMC	PPM	PPM	PPM	PPM
8107010000	.015	.045	9999	9999	.005	.025	9999	9999	9999	.005	.002	9999
8107010100	.012	.032	9999	9999	.005	.020	9999	9999	9999	.005	.002	9999
8107010200	.014	.041	9999	9999	.005	.035	9999	9999	9999	.005	.002	9999
8107010300	.015	.039	9999	9999	.021	.050	9999	9999	9999	.005	.002	9999
8107010400	.024	.047	9999	9999	.015	.035	9999	9999	9999	.005	.002	9999
8107010500	.029	.055	9999	9999	.043	.070	9999	9999	9999	.005	.002	9999
8107010600	.024	.055	9999	9999	.055	.090	9999	9999	9999	.005	.002	9999
8107010700	.015	.035	9999	9999	.015	.045	9999	9999	9999	.005	.002	9999
8107010800	.015	.030	9999	9999	.005	.035	9999	9999	9999	.005	.002	9999
8107010900	.015	.044	9999	9999	.005	.033	9999	9999	9999	9999	.002	9999
8107011000	.013	.090	9999	9999	.005	.025	9999	9999	.005	.005	.007	9999
8107011100	.015	.040	9999	9999	.005	.020	9999	9999	.005	.005	.010	9999
8107011200	.013	.029	9999	9999	.005	.020	9999	9999	.005	.005	9999	9999
8107011300	.013	.035	9999	9999	.005	.028	9999	9999	.005	.005	.009	9999
8107011400	.015	.050	9999	9999	.005	.040	9999	9999	.005	.005	.009	9999
8107011500	.019	.055	9999	9999	.014	.055	9999	9999	.005	.012	.009	9999
8107011600	.019	.055	9999	9999	.019	.070	9999	9999	.005	.011	.010	9999
8107011700	.020	.055	9999	9999	9999	9999	9999	9999	.005	.005	.009	9999
8107011800	.015	.040	9999	9999	9999	9999	9999	9999	.005	.005	.009	9999
8107011900	.014	.040	9999	9999	.005	.045	9999	9999	.005	.011	.010	9999
8107012000	.015	.055	9999	9999	.005	.050	9999	9999	.005	.012	.008	9999
8107012100	.035	.089	9999	9999	.020	.070	9999	9999	.005	.013	.008	9999
8107012200	.035	.083	9999	9999	.080	.130	9999	9999	.005	.015	.007	9999
8107012300	.050	.100	9999	9999	.070	.108	9999	9999	.005	.018	.002	9999
8107020000	.090	.125	9999	9999	.090	.125	9999	9999	.005	.020	.002	9999
8107020100	.090	.120	9999	9999	.080	.11C	9999	9999	.012	.019	.002	9999
8107020200	.070	.102	9999	9999	.090	.120	9999	9999	014	.024	.002	9999
8107020300	.050	.089	9999	9999	.075	.105	9999	9999	.005	.020	.002	9999
8107020400	.045	.079	9999	9999	.053	.085	9999	9999	.005	.020	.002	9999
8107020500	.070	.098	9999	9999	.090	.110	9999	9999	.005	.017	.002	9999
8107020600	.058	.125	9999	9999	.095	.125	9999	9999	.005	.015	.002	9999
8107020700	.028	.058	9999	9999	.025	.055	9999	9999	.005	.013	.002	9999
8107020800	.016	.033	9999	9999	.005	.025	9999	9999	.005	.005	.002	9999
8107020900	.015	.025	9999	9999	.005	.017	9999	9999	.005	.005	.002	9999
8107021000	.015	.025	9999	9999	.005	.016	9999	9999	.005	.005	.006	9999
8107021100	.013	.024	9999	9999	.005	.020	9999	9999	.005	.005	.007	9999
8107021200	.013	.020	9999	9999	.005	.017	9999	9999	.005	.005	.007	9999
8107021300	.005	.023	9999	9999	.005	.025	9999	9999	.005	.005	.008	9999
8107021400	.012	.027	9999	9999	.005	.030	9999	9999	.005	.005	.007	9999
8107021500	.012	.025	9999	9999	9999	9999	9999	9999	.005	.005	.016	9999
8107021600	.011	.030	9999	9999	.015	.060	9999	9999	.005	.005	.017	9999
8107021700	9999	9999	9999	9999	.005	.025	9999	9999	.005	.005	.018	9999
8107021800	.005	.025	9999	9999	.005	.020	9999	9999	.005	.005	.015	9999
8107021900	.005	.018	9999	9999	9999	9999	9999	9999	.005	.005	.017	9999
8107022000	.005	.022	9999	9999	9999	9999	9999	9999	.005	.005	.017	9999
8107022100	.005	.025	9999	9999	9999	9999	9999	9999	.005	.005	.017	9999
8107022200	.005	.017	9999	9999	9999	9999	9999	9999	.005	.005	.015	9999
8107022300	.005	.014	9999	9999	9999	9999	9999	9999	.005	.005	.014	9999
											.015	

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HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 2
DATE 10/08/81.
TIME 12.02.01.

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* ND PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* ND PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* ND PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8107030000	.005	.014	9999	9999	9999	9999	9999	9999	.005	.005	.015	9999
8107030100	.005	.013	9999	9999	9999	9999	9999	9999	.005	.005	.015	9999
8107030200	.005	.012	9999	9999	9999	9999	9999	9999	.005	.005	.013	9999
8107030300	.005	.005	9999	9999	9999	9999	9999	9999	.005	.005	.013	9999
8107030400	.005	.013	9999	9999	9999	9999	9999	9999	.005	.005	.012	9999
8107030500	.005	.014	9999	9999	9999	9999	9999	9999	.005	.005	.010	9999
8107030600	.005	.018	9999	9999	9999	9999	9999	9999	.005	.005	.010	9999
8107030700	.005	.018	9999	9999	9999	9999	9999	9999	.005	.005	.010	9999
8107030800	.005	.015	9999	9999	9999	9999	9999	9999	.005	.005	.012	9999
8107030900	.005	.014	9999	9999	9999	9999	9999	9999	.005	.005	.013	9999
8107031000	.005	.014	9999	9999	9999	9999	9999	9999	.005	.005	.013	9999
8107031100	.005	.014	9999	9999	9999	9999	9999	9999	.005	.005	.015	9999
8107031200	.005	.012	9999	9999	9999	9999	9999	9999	.005	.005	.014	9999
8107031300	.005	.012	9999	9999	9999	9999	9999	9999	.005	.005	.015	9999
8107031400	.005	.012	9999	9999	9999	9999	9999	9999	.005	.005	.018	9999
8107031500	9999	9999	9999	9999	9999	9999	9999	9999	.005	.005	.017	9999
8107031600	.005	.015	9999	9999	9999	9999	9999	9999	.005	.005	.018	9999
8107031700	.005	.019	9999	9999	9999	9999	9999	9999	.005	.005	.014	9999
8107031800	.005	.029	9999	9999	9999	9999	9999	9999	.005	.014	.014	9999
8107031900	.005	.065	9999	9999	9999	9999	9999	9999	.005	.005	.014	9999
8107032000	.005	.089	9999	9999	9999	9999	9999	9999	.005	.005	.015	9999
8107032100	.005	.098	9999	9999	9999	9999	9999	9999	.005	.005	.015	9999
8107032200	.005	.108	9999	9999	9999	9999	9999	9999	.005	.011	.013	9999
8107032300	.005	.103	9999	9999	9999	9999	9999	9999	.005	.005	.013	9999
8107040000	.005	.097	9999	9999	9999	9999	9999	9999	.005	.011	.015	9999
8107040100	.005	.100	9999	9999	9999	9999	9999	9999	.005	.005	.014	9999
8107040200	.005	.104	9999	9999	9999	9999	9999	9999	.005	.013	.013	9999
8107040300	.005	.094	9999	9999	9999	9999	9999	9999	.005	.013	.012	9999
8107040400	.005	.090	9999	9999	9999	9999	9999	9999	.005	.015	.012	9999
8107040500	.005	.079	9999	9999	9999	9999	9999	9999	.005	.014	.010	9999
8107040600	.005	.079	9999	9999	9999	9999	9999	9999	.005	.005	.010	9999
8107040700	.005	.077	9999	9999	9999	9999	9999	9999	.005	.005	.010	9999
8107040800	.005	.072	9999	9999	9999	9999	9999	9999	.005	.005	.011	9999
8107040900	.005	.045	9999	9999	.005	.005	9999	9999	.005	.005	.013	9999
8107041000	.005	.030	9999	9999	.005	.005	9999	9999	.005	.005	.014	9999
8107041100	.005	.023	9999	9999	.005	.005	9999	9999	.005	.005	.015	9999
8107041200	.005	.015	9999	9999	9999	9999	9999	9999	.005	.005	.014	9999
8107041300	.005	.014	9999	9999	9999	9999	9999	9999	.005	.005	.015	9999
8107041400	.005	.005	9999	9999	9999	9999	9999	9999	.005	.005	.010	9999
8107041500	.005	.005	9999	9999	9999	9999	9999	9999	.005	.005	.008	9999
8107041600	.005	.005	9999	9999	9999	9999	9999	9999	.005	.005	.008	9999
8107041700	.005	.005	9999	9999	9999	9999	9999	9999	.005	.005	.008	9999
8107041800	.005	.012	9999	9999	9999	9999	9999	9999	.005	.005	.009	9999
8107041900	.005	.018	9999	9999	9999	9999	9999	9999	.005	.005	.009	9999
8107042000	.005	.018	9999	9999	9999	9999	9999	9999	.005	.005	.008	9999
8107042100	.005	.017	9999	9999	9999	9999	9999	9999	.005	.005	.008	9999
8107042200	.005	.014	9999	9999	9999	9999	9999	9999	.005	.005	.007	9999
8107042300	.005	.012	9999	9999	9999	9999	9999	9999	.005	.005	.008	9999

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	---LENTZ HEALTH CENTER--- ND PPM	NOX PPM	NMOC PPMC	CH4 PPMC	---TN STATE UNIVERSITY--- ND PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SPRING HILL ND PPM	NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
8107050000	.005	.013	9999	9999	9999	9999	9999	9999	.005	.005	.008	9999
8107050100	.011	.018	9999	9999	9999	9999	9999	9999	.005	.005	.007	9999
8107050200	.013	.019	9999	9999	9999	9999	9999	9999	.005	.005	.002	9999
8107050300	.012	.017	9999	9999	9999	9999	9999	9999	.005	.005	.006	9999
8107050400	.011	.015	9999	9999	9999	9999	9999	9999	.005	.005	.007	9999
8107050500	.005	.015	9999	9999	9999	9999	9999	9999	.005	.005	.008	9999
8107050600	.005	.018	9999	9999	9999	9999	9999	9999	.005	.005	.007	9999
8107050700	.012	.021	9999	9999	9999	9999	9999	9999	.005	.005	.002	9999
8107050800	.013	.023	9999	9999	9999	9999	9999	9999	.005	.005	.002	9999
8107050900	.014	.020	9999	9999	9999	9999	9999	9999	.005	.005	.002	9999
8107051000	.013	.018	9999	9999	9999	9999	9999	9999	.005	.005	.002	9999
8107051100	.012	.018	9999	9999	9999	9999	9999	9999	.005	.005	.002	9999
8107051200	.012	.016	9999	9999	9999	9999	9999	9999	.005	.005	.002	9999
8107051300	.012	.015	9999	9999	.005	.005	9999	9999	.005	.005	.007	9999
8107051400	.005	.005	.26	1.62	.005	.005	9999	9999	.005	.005	.008	9999
8107051500	.005	.005	.26	1.62	.005	.005	9999	9999	.005	.005	.008	9999
8107051600	.005	.005	.28	1.63	.005	.005	9999	9999	.005	.005	.008	9999
8107051700	.005	.014	.29	1.63	.005	.011	9999	9999	.005	.005	.008	9999
8107051800	.005	.020	.29	1.65	.005	.012	9999	9999	.005	.005	.008	9999
8107051900	.011	.024	.29	1.65	.005	.015	9999	9999	.005	.005	.008	9999
8107052000	.011	.019	.29	1.66	.005	.005	9999	9999	.005	.005	.008	9999
8107052100	.005	.017	.29	1.66	.005	.005	9999	9999	.005	.005	.007	9999
8107052200	.005	.017	.29	1.67	.005	.015	9999	9999	.005	.005	.007	9999
8107052300	.005	.018	.29	1.67	.005	.020	9999	9999	.005	.005	.007	9999
8107060000	.005	.017	.29	1.67	.005	.005	9999	9999	.005	.005	.007	9999
8107060100	.005	.015	.28	1.67	.005	.005	9999	9999	.005	.005	.002	9999
8107060200	.005	.014	.28	1.67	.005	.014	9999	9999	.005	.005	.002	9999
8107060300	.005	.014	.28	1.68	.005	.005	9999	9999	.005	.005	.002	9999
8107060400	.011	.016	.28	1.68	.005	.012	9999	9999	.005	.005	.002	9999
8107060500	.012	.020	.29	1.70	.005	.019	9999	9999	.005	.005	.002	9999
8107060600	.015	.026	.31	1.73	.020	.030	9999	9999	.005	.005	.002	9999
8107060700	.017	.035	.39	1.69	.015	.029	9999	9999	.005	.005	.002	9999
8107060800	.014	.028	.37	1.67	.012	.028	9999	9999	9999	9999	.002	9999
8107060900	.015	.028	.33	1.65	.005	.025	9999	9999	.005	.005	.002	9999
8107061000	.017	.030	.36	1.66	.005	.023	9999	9999	.005	.005	.002	9999
8107061100	.015	.028	.37	1.67	.014	.030	9999	9999	.005	.005	9999	9999
8107061200	.015	.024	.33	1.70	.011	.030	9999	9999	.005	.012	.002	9999
8107061300	.014	.020	.31	1.63	.013	.025	9999	9999	.005	.013	.002	9999
8107061400	.014	.025	.34	1.64	.012	.029	9999	9999	.005	.012	.002	9999
8107061500	9999	9999	.44	1.64	.005	.020	9999	9999	.005	.011	.002	9999
8107061600	9999	9999	.41	1.97	.005	.025	9999	9999	.005	.005	.002	9999
8107061700	9999	9999	.42	1.80	9999	9999	9999	9999	.005	.005	.002	9999
8107061800	9999	9999	.49	1.75	9999	9999	9999	9999	.005	.005	.002	9999
8107061900	9999	9999	.67	1.90	.079	.118	9999	9999	.005	.012	.002	9999
8107062000	.060	.102	.65	3.35	.035	.070	9999	9999	.005	.011	.002	9999
8107062100	9999	9999	.54	2.40	.030	.060	9999	9999	.005	.011	.002	9999
8107062200	9999	9999	.47	2.00	.058	.083	9999	9999	.005	.011	.002	9999
8107062300	9999	9999	.44	2.03	.039	.065	9999	9999	.005	.011	.002	9999

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NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*---LENTZ HEALTH CENTER---*				*---TN STATE UNIVERSITY---*				*SPRING HILL*		*PERCY*	*TRINITY
BEGINNING	NO	NOX	NMOC	CH4	NO	NOX	NMOC	CH4	NO	NOX	O3	O3
YYMMDDHH	PPM	PPM	PPMC	PPMC	PPM	PPM	PPMC	PPMC	PPM	PPM	PPM	PPM
8107070000	9999	9999	.50	2.20	.045	.060	9999	9999	.005	.012	.002	9999
8107070100	9999	9999	.81	7.00	.035	.053	9999	9999	.005	.013	.002	9999
8107070200	9999	9999	.52	3.30	.047	.065	9999	9999	.005	.012	.002	9999
8107070300	9999	9999	.62	3.40	.097	.117	9999	9999	.012	.020	.002	9999
8107070400	9999	9999	.54	3.20	.100	.115	9999	9999	.013	.018	.002	9999
8107070500	9999	9999	.29	1.87	.038	.055	9999	9999	.005	.014	.002	9999
8107070600	9999	9999	.54	3.00	.075	.108	9999	9999	.015	.021	.002	9999
8107070700	9999	9999	.67	2.60	.037	.069	9999	9999	.015	.025	.002	9999
8107070800	9999	9999	.54	2.20	.011	.039	9999	9999	.012	.016	.002	9999
8107070900	9999	9999	.42	1.90	.005	.023	9999	9999	.005	.005	.002	9999
8107071000	9999	9999	9999	9999	.005	.023	9999	9999	.015	.019	.006	9999
8107071100	9999	9999	9999	9999	.005	.015	9999	9999	.015	.019	.006	9999
8107071200	9999	9999	.33	1.63	.005	.015	9999	9999	.014	.020	9999	9999
8107071300	9999	9999	.37	1.63	.005	.015	9999	9999	.011	.013	.009	9999
8107071400	9999	9999	.29	1.70	.005	.015	9999	9999	.012	.014	.011	9999
8107071500	9999	9999	.31	1.63	.005	.015	9999	9999	.013	.014	.011	9999
8107071600	.005	.005	.29	1.64	.005	.012	9999	9999	.012	.012	.016	9999
8107071700	.005	.005	.29	1.64	.005	.012	9999	9999	.012	.013	.018	9999
8107071800	.005	.014	.31	1.65	.005	.028	9999	9999	.005	.011	.017	9999
8107071900	.005	.039	.37	1.75	.005	.033	9999	9999	.005	.014	.017	9999
8107072000	.005	.032	.39	1.88	.005	.049	9999	9999	.005	.015	.015	9999
8107072100	.019	.050	.49	1.88	.032	.070	9999	9999	.005	.017	.013	9999
8107072200	.024	.050	.46	1.95	.065	.100	9999	9999	.005	.016	.008	9999
8107072300	.033	.059	.46	2.13	.060	.085	9999	9999	.018	.026	.002	9999
8107080000	.020	.041	.21	2.00	.045	.065	9999	9999	.015	.021	.002	9999
8107080100	.025	.047	.21	2.10	.034	.046	9999	9999	.014	.020	.002	9999
8107080200	.019	.035	.21	2.36	.034	.050	9999	9999	.005	.015	.002	9999
8107080300	.020	.035	.24	2.47	.038	.054	9999	9999	.011	.013	.002	9999
8107080400	9999	9999	.37	2.80	.040	.052	9999	9999	.018	.021	.002	9999
8107080500	9999	9999	.62	3.55	.078	.095	9999	9999	.021	.025	.002	9999
8107080600	9999	9999	.76	4.90	.115	.150	9999	9999	.025	.033	.002	9999
8107080700	9999	9999	.82	3.60	.138	.215	9999	9999	.024	.033	.002	9999
8107080800	9999	9999	.21	1.80	.020	.060	9999	9999	.005	.020	.002	9999
8107080900	9999	9999	.21	1.65	.005	.025	9999	9999	.012	.019	9999	9999
8107081000	9999	9999	.12	1.67	.005	.022	9999	9999	.016	.019	9999	9999
8107081100	9999	9999	.14	1.64	.005	.019	9999	9999	.015	.019	9999	9999
8107081200	9999	9999	.21	1.64	.005	.015	9999	9999	.016	.019	9999	9999
8107081300	9999	9999	.27	1.63	.005	.012	9999	9999	.015	.016	.008	9999
8107081400	.005	005	9999	9999	.005	.015	9999	9999	.015	.016	.007	9999
8107081500	.005	.014	9999	9999	.005	.018	9999	9999	.013	.015	.008	9999
8107081600	.005	.005	.21	1.66	9999	9999	9999	9999	.012	.012	.010	9999
8107081700	.005	.012	.09	1.72	.005	.015	9999	9999	.012	.015	.010	9999
8107081800	.005	.025	.11	1.77	.005	.025	9999	9999	.011	.015	.007	9999
8107081900	.005	048	.14	1.82	.005	.045	9999	9999	.005	.018	.002	9999
8107082000	.012	.053	.27	1.80	.005	.065	9999	9999	.005	.020	.002	9999
8107082100	.015	.062	.29	1.90	.043	.095	9999	9999	.005	.018	.002	9999
8107082200	.020	.070	.27	1.97	.040	.080	9999	9999	.011	.019	.002	9999
8107082300	.016	.053	.21	1.87	.025	.058	9999	9999	.012	.017	.002	9999

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8107090000	.015	.044	.17	1.85	.033	.063	9999	9999	.012	.018	.002	9999
8107090100	.014	.030	.12	1.85	.025	.050	9999	9999	.012	.019	.002	9999
8107090200	.013	.028	.16	1.62	.021	.045	9999	9999	.013	.019	.002	9999
8107090300	.013	.023	.14	1.68	.032	.055	9999	9999	.014	.018	.002	9999
8107090400	.020	.040	.14	1.85	.048	.065	9999	9999	.013	.015	.002	9999
8107090500	.020	.040	.16	1.85	.085	.110	9999	9999	.012	.014	.002	9999
8107090600	.024	.049	.21	1.80	.075	.110	9999	9999	.005	.014	.002	9999
8107090700	.022	.055	.46	2.25	.025	.070	9999	9999	.011	.013	.002	9999
8107090800	.017	.030	.37	2.50	.005	.030	9999	9999	9999	9999	.006	9999
8107090900	.017	.023	.21	1.70	.005	.020	9999	9999	9999	9999	.009	9999
8107091000	.015	.023	.27	1.61	9999	9999	9999	9999	9999	9999	.010	9999
8107091100	.014	.023	.21	1.65	.005	.015	9999	9999	9999	9999	.009	9999
8107091200	.015	.022	.21	1.60	.005	.015	9999	9999	9999	9999	.009	9999
8107091300	.015	.020	.16	1.60	.005	.014	9999	9999	9999	9999	.008	9999
8107091400	.014	.020	.21	1.60	.005	.015	9999	9999	9999	9999	.009	9999
8107091500	.014	.025	.12	1.53	.005	.020	9999	9999	.005	.005	.017	9999
8107091600	9999	9999	9999	9999	.005	.020	9999	9999	.005	.005	.015	9999
8107091700	.005	.013	.11	1.65	.005	.020	9999	9999	.005	.005	.015	9999
8107091800	.005	.025	.14	1.48	.005	.025	9999	9999	.013	.019	.010	9999
8107091900	.005	.027	.16	1.53	.011	.042	9999	9999	.012	.021	.008	9999
8107092000	.015	.053	.29	1.80	.030	.070	9999	9999	.005	.022	.010	9999
8107092100	.019	.055	.34	2.15	.045	.080	9999	9999	.005	.019	.002	9999
8107092200	.028	.065	.31	1.80	.045	.075	9999	9999	.005	.019	.002	9999
8107092300	.027	.060	.32	1.85	.052	.075	9999	9999	.011	.020	.002	9999
8107100000	.024	.058	.29	2.10	.045	.065	9999	9999	.005	.017	.002	9999
8107100100	.029	.062	.21	1.87	.033	.050	9999	9999	.011	.015	.002	9999
8107100200	.019	.045	.16	1.86	.033	.048	9999	9999	.005	.013	.002	9999
8107100300	.017	.042	.12	1.85	.025	.040	9999	9999	9999	.013	.002	9999
8107100400	.020	.040	.16	1.77	.015	.035	9999	9999	9999	.018	.002	9999
8107100500	.015	.035	.12	1.76	.025	.050	9999	9999	9999	.020	.002	9999
8107100600	.014	.027	.21	1.83	.033	.060	9999	9999	9999	.019	.002	9999
8107100700	.019	.039	.31	1.76	.019	.049	9999	9999	9999	.017	.002	9999
8107100800	.022	.048	.21	1.90	.011	.030	9999	9999	9999	.019	9999	9999
8107100900	.019	.033	.26	1.75	9999	9999	9999	9999	9999	.020	9999	9999
8107101000	.018	.030	.17	1.74	9999	9999	9999	9999	9999	.020	9999	9999
8107101100	.019	.028	.14	1.78	9999	9999	9999	9999	9999	.018	9999	9999
8107101200	.019	.025	.21	1.64	9999	9999	9999	9999	9999	.014	9999	9999
8107101300	.019	.025	.21	1.65	9999	9999	9999	9999	9999	.013	.025	9999
8107101400	.019	.025	.21	1.65	9999	9999	9999	9999	9999	.012	.026	9999
8107101500	.017	.032	.12	1.65	9999	9999	.19	1.72	.005	.005	.028	9999
8107101600	.017	.037	.14	1.63	.005	.035	.10	1.70	.005	.005	.018	9999
8107101700	9999	9999	.22	1.85	.005	.039	.14	1.84	.005	.005	.012	9999
8107101800	.005	.035	.21	1.85	.005	.036	.10	1.85	.005	.005	.008	9999
8107101900	.015	.055	.36	2.53	.015	.050	.19	1.95	.005	.012	.010	9999
8107102000	.019	.060	.29	1.75	.023	.070	.24	1.84	.005	.019	.010	9999
8107102100	.011	.042	.21	1.80	.005	.045	.19	2.25	.005	.012	.002	9999
8107102200	.011	.038	.21	2.80	.005	.039	.19	2.00	.005	.005	.002	9999
8107102300	.011	.035	.21	2.80	.005	.029	.14	2.60	.005	.012	.002	9999

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8107110000	.011	.030	.16	1.78	.005	.035	.10	2.00	.005	.005	.002	9999
8107110100	9999	9999	.16	1.78	.005	.025	.14	2.20	.005	.005	.002	9999
8107110200	9999	9999	.17	1.83	.005	.025	.12	2.07	.005	.005	.002	9999
8107110300	9999	9999	.16	1.85	.015	.038	.12	2.05	.005	.011	.002	9999
8107110400	9999	9999	.14	1.83	.005	.020	.14	2.40	.005	.005	.002	9999
8107110500	9999	9999	.16	1.85	.005	.022	.19	4.70	.005	.005	.002	9999
8107110600	9999	9999	.16	1.87	.017	.032	.14	3.80	.005	.005	.002	9999
8107110700	9999	9999	.21	1.88	.015	.040	.19	2.50	.005	.005	.008	9999
8107110800	9999	9999	.26	1.90	.018	.050	.27	2.20	.005	.011	.012	9999
8107110900	9999	9999	.29	2.00	9999	9999	9999	9999	.005	.014	.015	9999
8107111000	9999	9999	.29	1.92	.005	.041	.24	2.15	.005	.014	.017	9999
8107111100	9999	9999	.37	2.00	.005	.030	.24	2.05	9999	9999	.019	9999
8107111200	.005	.020	9999	9999	.005	.018	.10	1.85	.005	.005	.029	9999
8107111300	.011	.022	.21	1.77	.005	.018	.09	1.79	.011	.014	.030	9999
8107111400	.011	.022	.06	1.83	.005	.012	.07	1.79	.011	.012	.028	9999
8107111500	.012	.022	.04	1.87	.005	.017	.09	1.80	.005	.012	.028	9999
8107111600	.013	.025	.06	1.75	.005	.019	.09	1.77	.005	.012	.035	9999
8107111700	.013	.026	.06	1.75	.005	.017	.09	1.76	.011	.013	.033	9999
8107111800	.013	.026	.06	1.75	.005	.022	.09	1.78	.005	.015	.027	9999
8107111900	.014	.035	.16	2.50	.005	.027	.10	2.01	.005	.015	.023	9999
8107112000	.016	.053	.29	3.40	.013	.060	.29	2.45	.005	.020	.010	9999
8107112100	.018	.053	.21	2.07	.028	.079	.36	5.00	.005	.020	.007	9999
8107112200	.019	.065	.22	2.00	.015	.059	.52	5.00	.005	.020	.002	9999
8107112300	.019	.061	.22	2.09	.025	.065	.54	4.15	.012	.025	.002	9999
8107120000	.020	.060	.26	2.10	.023	.062	.56	4.50	.005	.020	.002	9999
8107120100	.017	.038	.11	2.10	.028	.064	.66	6.00	.005	.019	.002	9999
8107120200	.017	.035	.11	2.23	.030	.060	.66	8.50	.011	.019	.002	9999
8107120300	.017	.031	.09	2.13	.019	.049	.19	7.40	.005	.015	.002	9999
8107120400	.023	.054	.21	2.62	.015	.040	.19	6.50	.005	.012	.002	9999
8107120500	.017	.034	.11	2.15	.019	.040	.19	6.30	.012	.016	.002	9999
8107120600	.023	.050	.09	1.98	.005	.029	.02	5.50	.005	.012	.002	9999
8107120700	.022	.050	.07	1.93	.005	.020	.05	2.25	.005	.019	.008	9999
8107120800	.017	.035	.06	1.82	.005	.035	.09	1.90	.005	.015	.018	9999
8107120900	.015	.024	.04	1.72	.005	.014	.02	1.92	.012	.015	.027	9999
8107121000	.017	.025	.04	1.80	.005	.020	.02	1.83	.012	.015	.035	9999
8107121100	.015	.024	.04	1.78	.005	.012	.02	1.73	.012	.015	.034	9999
8107121200	9999	9999	9999	9999	.005	.013	.02	1.73	.011	.013	.033	9999
8107121300	.005	.011	.04	1.65	.005	.005	.02	1.74	.011	.012	.033	9999
8107121400	.005	.014	.04	1.70	9999	9999	9999	9999	.005	.012	.029	9999
8107121500	.005	.014	.04	1.70	.005	.005	.02	1.73	.005	.005	.032	9999
8107121600	.005	.014	.04	1.66	.005	.005	.02	1.73	.005	.005	.040	9999
8107121700	.005	.014	.06	1.82	.005	.013	.02	1.74	9999	9999	.045	9999
8107121800	.005	.019	.12	2.10	.005	.018	.02	1.90	.005	.005	.031	9999
8107121900	.011	.035	.24	1.90	.005	.040	.09	2.70	.005	.014	.029	9999
8107122000	.013	.045	.24	1.90	.005	.069	.19	4.30	.005	.021	.018	9999
8107122100	.018	.049	.21	1.92	.019	.075	.27	4.60	.005	.025	.018	9999
8107122200	.029	.060	.36	2.20	.018	.064	.27	4.70	.005	.025	.008	9999
8107122300	.022	.050	.22	2.05	.020	.061	.27	3.10	.011	.024	.002	9999

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL** NO PPM	NOX PPM	*PERCY* O3 PPM	TRINITY O3 PPM
8107130000	.020	.059	.19	2.03	.029	.065	.27	4.00	.012	.020	.002	9999
8107130100	.017	.033	.12	1.98	.019	.050	.19	5.50	.012	.020	.002	9999
8107130200	.020	.038	.21	2.15	.018	.045	.02	4.90	.012	.019	.002	9999
8107130300	.018	.035	.21	2.30	.020	.050	.02	5.25	.013	.019	.002	9999
8107130400	.015	.026	.06	2.20	.020	.045	.19	5.00	.013	.019	.002	9999
8107130500	.016	.029	.12	1.93	.060	.083	.36	5.55	.005	.013	.002	9999
8107130600	.017	.034	.16	1.92	.075	.120	.44	3.80	.012	.020	.002	9999
8107130700	.025	.053	.27	1.82	.028	.070	.27	3.63	.011	.020	.006	9999
8107130800	.023	.043	.21	1.70	.005	.028	.02	2.50	9999	9999	.020	9999
8107130900	.020	.037	9999	9999	.005	.018	.02	1.78	.005	.022	.025	9999
8107131000	9999	9999	9999	9999	.005	.013	.05	1.74	.012	.016	.028	9999
8107131100	.005	.015	.21	1.65	.005	.013	.02	1.72	.015	.018	.030	9999
8107131200	.005	.018	.16	1.65	.005	.015	9999	9999	.014	.018	.028	9999
8107131300	.005	.018	.11	1.64	9999	9999	9999	9999	.013	.015	.028	9999
8107131400	.011	.015	.16	1.64	.005	.020	9999	9999	.012	.013	.035	9999
8107131500	.015	.020	.09	1.63	.005	.025	.10	1.75	.005	.011	.033	9999
8107131600	.013	.018	.06	1.62	.005	.020	.07	1.75	.005	.011	.025	9999
8107131700	.013	.018	.07	1.63	.005	.015	.02	1.75	.005	.011	.020	9999
8107131800	.014	.020	.09	1.63	.005	.020	.07	1.77	.005	.012	.013	9999
8107131900	.017	.033	.16	1.66	.005	.030	.19	2.70	.005	.014	.007	9999
8107132000	.018	.043	.21	1.73	.013	.041	.19	2.20	.005	.015	.006	9999
8107132100	.018	.049	.21	1.81	.005	.048	.19	2.05	.005	.013	.008	9999
8107132200	.018	.038	.16	1.80	.015	.050	.19	3.20	.005	.013	.008	9999
8107132300	.017	.033	.16	1.83	.022	.070	.27	4.00	.005	.013	.002	9999
8107140000	.017	.031	.24	1.95	.029	.060	.36	5.70	.005	.015	.002	9999
8107140100	.017	.035	.17	2.00	.014	.044	.36	4.50	.005	.017	.002	9999
8107140200	.017	.032	.16	1.90	.030	.058	.27	3.90	.005	.014	.002	9999
8107140300	.016	.032	.12	1.86	.020	.043	.19	4.00	.005	.013	.006	9999
8107140400	.016	.028	.09	1.82	.005	.025	.09	2.04	.005	.013	.002	9999
8107140500	.016	.028	.17	1.83	.005	.034	.10	1.96	.005	.012	.002	9999
8107140600	.019	.032	.17	1.81	.019	.042	.10	1.97	.005	.015	.002	9999
8107140700	.020	.034	.22	1.86	.005	.082	.10	2.10	.005	.011	.011	9999
8107140800	.020	.029	.21	1.84	.005	.017	.09	2.08	.005	.005	.018	9999
8107140900	.020	.030	.21	1.85	.005	.013	.07	1.76	.005	.012	.022	9999
8107141000	.011	.015	.16	1.70	.005	.013	.07	1.84	.005	.012	.023	9999
8107141100	.013	.020	.16	1.70	.005	.015	.10	1.85	.005	.013	.025	9999
8107141200	.018	.025	.16	1.70	.005	.015	.14	1.82	.012	.014	.025	9999
8107141300	.017	.024	.14	1.67	.005	.018	.10	1.80	.012	.013	.029	9999
8107141400	.019	.023	.17	1.67	9999	9999	.02	1.81	.005	.011	.037	9999
8107141500	.018	.029	.09	1.67	.005	.022	.07	1.83	.005	.005	.028	9999
8107141600	.018	.024	.07	1.66	.005	.020	.02	1.83	.005	.005	.032	9999
8107141700	.018	.022	.09	1.66	.005	.020	.02	1.88	.005	.005	.031	9999
8107141800	.018	.025	.09	1.67	.005	.018	.07	2.10	.005	.011	.021	9999
8107141900	.018	.034	.12	1.75	.005	.029	.10	2.60	.005	.011	.015	9999
8107142000	.018	.045	.21	1.63	.005	.035	.19	3.10	.005	.015	.008	9999
8107142100	.020	.053	.32	1.90	.005	.039	.19	3.90	.005	.013	.019	9999
8107142200	.019	.055	.24	2.20	.005	.029	.10	1.95	.005	.013	.023	9999
8107142300	.019	.055	.24	1.97	.005	.015	.10	2.00	.005	.013	.019	9999

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	#---LENTZ HEALTH CENTER---# NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	#---TN STATE UNIVERSITY---# NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	#SPRING HILL# NO PPM	NOX PPM	#PERCY# O3 PPM	#TRINITY O3 PPM
81071500	.018	.043	.14	1.83	.005	.019	.02	1.90	.005	.011	.017	9999
81071501	.017	.040	.14	1.80	.005	.029	.02	1.86	.005	.013	.016	9999
81071502	.017	.045	.21	1.95	.005	.029	.24	1.99	.005	.013	.011	9999
81071503	.017	.045	.24	2.40	.005	.025	.09	2.05	.005	.013	.008	9999
81071504	.017	.045	.24	3.45	.005	.035	.10	2.12	.005	.013	.009	9999
81071505	.022	.043	.32	3.10	.035	.063	.22	3.75	.005	.013	.008	9999
81071506	.022	.044	.21	1.95	.039	.062	.19	3.70	.005	.016	.002	9999
81071507	.020	.037	.17	1.75	.011	.032	.09	1.94	.005	.013	.008	9999
81071508	.020	.032	.19	1.70	.005	.025	.07	1.85	.005	.005	.013	9999
81071509	.021	.035	.14	1.70	.005	.026	.09	1.95	.005	.011	.022	9999
81071510	.021	.038	.11	1.70	.005	.024	.02	1.90	.012	.013	.028	9999
81071511	.020	.035	.14	1.67	.005	.025	.04	1.90	.012	.014	.031	9999
81071512	.021	.028	.14	1.65	.005	.020	.07	1.87	.012	.015	.030	9999
81071513	.020	.025	.12	1.64	.005	.017	.02	1.81	.011	.013	.014	9999
81071514	.020	.028	.11	1.64	.005	.020	.02	1.83	.005	.011	.013	9999
81071515	.020	.028	.09	1.64	9999	9999	9999	9999	.005	.005	.012	9999
81071516	.020	.025	.07	1.64	.005	.022	.02	1.86	.005	.005	.015	9999
81071517	.017	.026	.11	1.68	.005	.018	.02	1.86	.005	.005	.012	9999
81071518	.017	.034	.11	1.69	.005	.032	.05	1.87	.005	.014	.010	9999
81071519	.018	.047	.12	1.70	.005	.030	.09	1.90	.005	.014	.008	9999
81071520	.018	.039	.12	1.70	.005	.029	.07	1.90	.005	.014	.009	9999
81071521	.018	.040	.23	1.70	.005	.039	.10	1.95	.005	.015	.009	9999
81071522	.020	.050	.26	1.81	.014	.053	.19	2.05	.005	.012	.007	9999
81071523	.026	.066	.37	2.60	.014	.048	.14	2.15	.005	.012	.005	9999
81071600	.028	.065	.42	3.55	.014	.043	.14	2.31	.005	.012	.002	9999
81071601	.020	.050	.51	3.30	.014	.040	.14	3.05	.005	.012	.002	9999
81071602	.022	.041	.34	2.45	.013	.035	.19	3.20	.005	.014	.002	9999
81071603	.020	.030	.19	2.08	.005	.025	.02	4.37	.005	.014	.002	9999
81071604	.020	.027	.12	1.83	.005	.017	.02	2.02	.005	.012	.002	9999
81071605	.020	.030	.11	1.79	.014	.039	.09	2.06	.005	.012	.002	9999
81071606	.025	.045	.21	1.75	.030	.060	.19	2.75	.005	.020	.002	9999
81071607	.025	.047	.22	1.75	.014	.035	.15	2.40	.005	.018	.002	9999
81071608	.024	.041	.21	1.70	.005	.019	.10	2.05	.005	.015	.002	9999
81071609	.020	.030	.19	1.67	.005	.018	.04	2.00	.011	.017	.009	9999
81071610	.022	.034	.17	1.65	.005	.017	.05	1.82	.005	.005	.011	9999
81071611	.022	.031	.16	1.64	.005	.017	.04	1.82	.005	.005	.013	9999
81071612	.022	.024	.17	1.63	.005	.015	.07	1.80	.005	.005	.013	9999
81071613	.018	.045	.21	1.62	.018	.060	.19	1.93	.005	.005	.009	9999
81071614	.019	.040	.34	2.30	.011	.045	.19	1.95	.005	.005	.009	9999
81071615	.021	.044	.34	2.70	.011	.043	.19	1.95	.005	.011	.007	9999
81071616	.020	.040	.21	2.00	.005	.035	.07	9999	.005	.011	.009	9999
81071617	.020	.034	.16	1.64	.005	.030	.10	2.05	.005	.012	.011	9999
81071618	.020	.040	.21	1.78	.005	.040	.02	2.50	.005	.012	.012	9999
81071619	.020	.048	.32	2.18	.005	.040	.04	3.50	.005	.012	.009	9999
81071620	.020	.043	.21	1.74	.015	.055	.07	3.00	.005	.013	.008	9999
81071621	.022	.055	.29	1.80	.014	.048	.19	4.40	.005	.013	.008	9999
81071622	.033	.070	.29	1.84	.015	.040	.27	9999	.005	.012	.002	9999
81071623	.035	.055	.24	1.84	.023	.046	.27	9999	.005	.017	.002	9999

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HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8107170000	.022	.050	.21	1.83	.005	.019	.09	9999	.005	.015	.002	9999
8107170100	.020	.034	.21	1.98	.005	.019	.10	9999	.005	.011	.002	9999
8107170200	.020	.030	.24	2.28	.005	.017	.07	9999	.005	.011	.002	9999
8107170300	.022	.040	.37	2.20	.005	.017	.09	9999	.005	.005	.002	9999
8107170400	.020	.032	.29	3.45	.005	.024	.07	9999	.005	.011	.002	9999
8107170500	.023	.040	.29	2.90	.005	.030	.02	9999	.005	.005	.002	9999
8107170600	.030	.055	.37	1.90	.020	.045	.19	9999	.005	.011	.002	9999
8107170700	.030	.060	.41	1.72	.019	.050	.19	9999	.005	.015	.009	9999
8107170800	.031	.072	.37	1.78	.012	.039	.14	9999	.005	.005	.014	9999
8107170900	.025	.060	.37	1.75	.005	.030	.09	9999	.005	.014	.013	9999
8107171000	.030	.061	.29	1.72	.005	.025	.12	9999	.011	.016	.019	9999
8107171100	.027	.058	.29	1.67	.005	.024	.09	9999	.013	.017	.021	9999
8107171200	.017	.028	.21	1.68	.005	.020	.04	9999	.011	.016	.019	9999
8107171300	.022	.040	.24	1.70	.005	.045	.10	9999	.005	.015	.020	9999
8107171400	.035	.092	.41	1.71	.005	.044	.20	9999	.005	.012	.012	9999
8107171500	.025	.068	.32	1.65	.014	.053	.24	9999	.005	.005	.012	9999
8107171600	.022	.051	.21	1.62	.005	.049	.14	9999	.005	.005	.013	9999
8107171700	.020	.045	.21	1.63	.005	.044	.17	2.05	.005	.011	.009	.015
8107171800	.020	.040	.21	1.64	.005	.045	.19	2.24	.005	.012	.006	.002
8107171900	.020	.049	.26	1.65	.005	.055	.32	2.23	.005	.013	.002	.002
8107172000	.020	.051	.32	1.70	.013	.055	.19	2.20	.005	.016	.002	.002
8107172100	.021	.056	.32	1.80	.039	.073	.42	2.80	.005	.025	.002	.002
8107172200	.029	.058	.27	1.85	.042	.073	.52	3.23	.015	.029	.002	.002
8107172300	.050	.088	.71	5.10	.083	.114	.44	2.40	.013	.025	.002	.002
8107180000	.050	.079	.37	3.10	.050	.079	.44	2.10	.005	.020	.002	.002
8107180100	.065	.098	.67	2.90	.065	.089	.36	2.45	.012	.024	.002	.002
8107180200	.070	.100	.54	3.30	.048	.069	.30	2.45	.005	.018	.002	.002
8107180300	.065	.106	.54	2.80	.021	.045	.19	2.25	.005	.015	.002	.002
8107180400	.028	.057	.37	3.00	.005	.028	.19	3.00	.005	.015	.002	.002
8107180500	.020	.047	.29	2.67	.005	.025	.12	2.00	.005	.012	.002	.002
8107180600	.020	.035	.21	2.00	.005	.020	.14	1.87	.005	.005	.007	.011
8107180700	.020	.039	.21	1.95	.005	.025	.07	1.88	.005	.005	.007	.015
8107180800	.020	.040	.24	1.98	.005	.030	.09	1.95	.005	.005	.010	.025
8107180900	.020	.040	.26	2.04	.005	.028	.07	2.18	.005	.005	.014	.036
8107181000	.019	.040	.21	2.40	.005	.024	.09	9999	.005	.005	.015	.050
8107181100	.019	.040	.21	2.20	.005	.018	.07	2.40	.005	.012	.020	.058
8107181200	9999	9999	.21	1.90	.005	.012	.02	2.00	.012	.015	.025	.055
8107181300	.005	.023	.16	1.70	.005	.005	.02	1.80	.015	.017	.025	.062
8107181400	.012	.020	.16	1.63	.005	.011	.02	1.73	.015	.017	.026	.075
8107181500	.012	.016	.12	1.58	.005	.005	.02	1.72	.013	.015	.033	.075
8107181600	.012	.015	.12	1.60	.005	.005	.02	1.70	.005	.012	.030	.075
8107181700	.012	.015	.16	1.74	.005	.011	.02	1.75	.005	.005	.025	.060
8107181800	.014	.030	.16	1.65	.005	.020	.02	1.80	.005	.012	.022	.035
8107181900	.017	.047	.21	1.66	.005	.027	.02	1.83	.005	.012	.017	.015
8107182000	.017	.054	.22	1.70	.005	.035	.02	1.90	.005	.019	.015	.002
8107182100	.018	.060	.26	1.73	.005	.030	.02	1.86	.005	.021	.014	.002
8107182200	.019	.065	.32	1.75	.005	.035	.07	1.90	.005	.014	.006	.002
8107182300	.019	.071	.32	1.76	.005	.053	.12	1.95	.005	.015	.010	.002

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8107190000	.018	.032	.14	1.70	.005	.045	.07	1.88	.005	.021	.008	.002
8107190100	.021	.050	.88	5.60	.005	.039	.02	1.90	.005	.019	.002	.002
8107190200	.022	.050	.54	5.25	.020	.060	.32	2.35	.013	.021	.002	.002
8107190300	.052	.078	1.04	6.80	.044	.071	.49	3.90	.005	.018	.002	.002
8107190400	.043	.075	.71	6.40	.025	.058	.19	2.60	.005	.015	.002	.002
8107190500	.030	.055	.62	3.20	.019	.050	.10	2.10	.005	.015	.006	.002
8107190600	.039	.075	.71	7.00	.035	.065	.36	6.00	.005	.012	.002	.008
8107190700	.019	.032	.21	2.60	.005	.022	.04	2.80	.005	.005	.002	.020
8107190800	.017	.022	.16	1.64	.005	.005	.02	1.80	.005	.005	.008	.029
8107190900	.016	.020	.14	1.63	.005	.011	.02	1.78	.005	.012	.012	.025
8107191000	.015	.018	.14	1.62	.005	.005	.02	1.75	.015	.017	.013	.044
8107191100	.016	.019	.14	1.62	.005	.005	.02	1.77	.014	.018	.018	.045
8107191200	.020	.020	.14	1.61	.005	.005	.02	1.79	.012	.015	.020	.050
8107191300	.019	.022	.14	1.60	.005	.015	.02	1.73	.011	.014	.020	.043
8107191400	.018	.023	.14	1.60	.005	.011	.02	1.73	.005	.013	.010	.034
8107191500	.018	.023	.14	1.59	.005	.015	.02	9999	.005	.005	.011	.037
8107191600	.018	.025	.14	1.59	.005	.019	.02	9999	.005	.005	.012	.029
8107191700	.019	.026	.14	1.59	.005	.016	.02	9999	.005	.005	.013	.028
8107191800	.019	.027	.14	1.60	.005	.021	.02	9999	.005	.005	.013	.025
8107191900	.019	.030	.14	1.61	.005	.024	.02	9999	.005	.011	.010	.011
8107192000	.019	.030	.14	1.62	.005	.025	.02	9999	.005	.011	.009	.002
8107192100	.019	.028	.14	1.63	.005	.028	.02	9999	.005	.012	.010	.002
8107192200	.019	.027	.16	1.63	.005	.022	.02	1.80	.005	.012	.012	.006
8107192300	.019	.024	.14	1.62	.005	.012	.02	1.80	.005	.012	.012	.002
8107200000	.017	.022	.14	1.64	.005	.011	.02	1.80	.005	.015	.010	.002
8107200100	.017	.022	.12	1.69	.005	.030	.05	2.01	.005	.015	.010	.002
8107200200	.018	.022	.12	1.69	.005	.005	.02	1.82	.005	.015	.010	.002
8107200300	.018	.022	.11	1.69	.005	.005	.02	1.79	.011	.015	.010	.002
8107200400	.018	.022	.11	1.69	.005	.005	.02	1.80	.013	.016	.010	.012
8107200500	.018	.026	.11	1.68	.005	.014	.02	1.78	.005	.012	.009	.010
8107200600	.019	.031	.34	1.68	.005	.021	.05	1.80	.005	.015	.008	.008
8107200700	.020	.030	.21	1.66	.005	.019	.07	1.78	.005	.015	.010	.020
8107200800	.020	.025	.17	1.63	.005	.011	.02	1.74	9999	9999	.013	.025
8107200900	.020	.022	.17	1.62	.005	.015	.02	1.74	.005	.011	.013	.026
8107201000	.016	.020	.12	1.58	.005	.019	.02	1.73	.005	.013	.015	.029
8107201100	.019	.021	.09	1.58	.005	.011	.02	1.73	.011	.013	.015	.035
8107201200	.020	.022	.12	1.58	.005	.011	.02	1.72	.012	.014	.014	.038
8107201300	.020	.024	.12	1.58	.005	.014	.02	1.72	.011	.014	.013	.038
8107201400	.020	.024	.17	1.58	.005	.015	.02	1.74	.005	.012	.010	.045
8107201500	.020	.023	.16	1.58	.005	.019	.02	1.74	.005	.005	.019	.041
8107201600	.020	.023	.09	1.58	.005	.014	.02	1.72	.005	.005	.023	.048
8107201700	.020	.023	.11	1.59	.005	.013	.02	1.71	.005	.005	.024	.049
8107201800	.020	.023	.11	1.60	.005	.012	.02	1.73	.005	.005	.023	.042
8107201900	.019	.029	.11	1.64	.005	.012	.02	1.81	.005	.005	.021	.034
8107202000	.015	.026	.11	1.61	.005	.015	.02	2.01	.005	.005	.017	.027
8107202100	.013	.024	.11	1.60	.005	.025	.05	1.75	.005	.005	.013	.017
8107202200	.012	.020	.11	1.59	.005	.015	.02	1.83	.005	.005	.013	.015
8107202300	.005	.019	.07	1.58	.005	.011	.02	1.75	.005	.020	.015	.028

HOUR BEGINNING YYMMDDHH	*----LENTZ HEALTH CENTER----* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*----TN STATE UNIVERSITY----* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8107210000	.009	.015	.09	1.60	.005	.011	.02	1.85	.005	.005	.018	.027
8107210100	.005	.020	.12	1.61	.005	.005	.02	2.10	.005	.005	.012	.026
8107210200	.005	.013	.07	1.60	.005	.015	.02	1.79	.005	.005	.015	.025
8107210300	.005	.012	.07	1.60	.005	.005	.02	1.73	.005	.005	.013	.020
8107210400	.005	.012	.07	1.61	.005	.019	.02	1.85	.005	.013	.009	.015
8107210500	.014	.025	.17	1.63	.005	.028	.07	1.97	.005	.005	.002	.002
8107210600	.012	.030	.16	1.60	.005	.030	.05	2.20	.005	.005	.006	.010
8107210700	.012	.027	.14	1.58	.012	.030	.05	2.00	.005	.005	.010	.020
8107210800	.012	.024	.12	1.58	.005	.029	.02	2.10	.005	.005	.015	.023
8107210900	.012	.025	.11	1.58	.005	.020	9999	9999	.005	.005	.017	.031
8107211000	.005	.020	.11	1.58	.005	.017	9999	9999	.005	.005	.023	.038
8107211100	.005	.018	.17	1.60	.005	.014	9999	9999	.005	.005	.023	.040
8107211200	.011	.018	.21	1.65	.005	.013	.11	1.73	.005	.005	.021	.039
8107211300	.005	.018	.21	1.64	.005	.012	.11	1.73	.005	.005	.020	.036
8107211400	.005	.018	.17	1.80	.005	.015	.11	1.72	.005	.005	.026	.045
8107211500	.005	.020	.21	1.80	.005	.020	.11	1.70	.005	.005	.030	.045
8107211600	.005	.013	.19	1.79	.005	.015	.11	1.72	.005	.005	.028	.045
8107211700	.005	.015	.16	1.59	.005	.011	.11	1.78	.005	.005	.028	.048
8107211800	.005	.020	.21	1.90	.005	.025	.11	1.75	.005	.012	.028	.030
8107211900	.005	.028	.34	2.20	.005	.032	.15	1.83	.005	.016	.010	.023
8107212000	.005	.028	.21	2.70	.005	.039	.23	2.01	.005	.024	.016	.030
8107212100	.005	.032	.31	2.10	.005	.040	.17	1.95	.005	.016	.009	.029
8107212200	.005	.035	.29	2.03	.005	.039	.16	1.98	.005	.014	.009	.019
8107212300	.005	.030	.26	2.10	.005	.020	.11	2.00	.005	.015	.011	.026
8107220000	.005	.023	.21	1.81	.005	.015	.11	1.85	.005	.015	.008	.026
8107220100	.005	.023	.22	1.76	.005	.020	.11	2.15	.005	.012	.007	.019
8107220200	.005	.020	.32	2.20	.005	.021	.15	2.31	.005	.005	.002	.002
8107220300	.011	.038	.37	2.40	.005	.028	.17	3.40	.005	.012	.002	.002
8107220400	.005	.032	.34	2.40	.012	.033	.17	3.80	.005	.011	.002	.002
8107220500	.013	.042	.37	2.18	.015	.035	.33	3.70	.005	.011	.002	.002
8107220600	.026	.055	.37	2.15	.038	.070	.29	2.10	.005	.011	.002	.010
8107220700	.035	.083	.49	1.80	.033	.068	.27	1.93	.005	.011	.007	.017
8107220800	.015	.050	.36	1.70	.005	.025	.18	1.85	.005	.005	.015	.025
8107220900	.011	.033	.32	1.68	.005	.016	.13	1.32	.005	.005	.020	.038
8107221000	.005	.025	.21	1.64	.005	.025	.13	1.80	.005	.005	9999	.045
8107221100	.005	.017	9999	9999	.005	.015	.07	1.81	.005	.005	.030	.055
8107221200	.005	.005	9999	9999	.005	.016	.10	1.75	.005	.005	.032	.050
8107221300	.005	.005	9999	9999	.005	.021	.09	1.75	.005	.005	.035	.047
8107221400	.005	.005	9999	9999	.005	.015	.11	1.72	.005	.005	.037	.041
8107221500	.005	.014	.11	1.75	.005	.015	.11	1.73	.005	.005	.035	.039
8107221600	.005	.005	.04	1.74	.005	.014	.09	1.74	.005	.005	.034	.039
8107221700	.005	.005	.04	1.75	.005	.011	.07	1.75	.005	.005	.033	.044
8107221800	.005	.013	.07	1.80	.005	.017	.07	1.80	.005	.005	.030	.040
8107221900	.005	.022	.07	2.00	.005	.024	.11	1.80	.005	.005	.025	.025
8107222000	.005	.040	.11	2.00	.011	.058	.20	1.95	.005	.012	.015	.010
8107222100	.005	.053	.14	2.30	.012	.050	.23	3.00	.005	.015	.006	.002
8107222200	.015	.063	.21	2.45	.018	.058	.26	3.70	.005	.013	.009	.002
8107222300	.020	.065	.19	2.30	.005	.044	.23	2.15	.005	.014	.011	.002

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*---LENTZ	HEALTH	CENTER---*		*---TN	STATE	UNIVERSITY---*		*SPRING	HILL*	*PERCY*	TRINITY
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	O3 PPM	O3 PPM
8107230000	.005	.039	.11	2.10	.005	.038	.20	1.99	.005	.020	.018	.002
8107230100	.005	.040	.12	2.16	.019	.050	.34	3.20	.005	.013	.011	.002
8107230200	.024	.055	.18	3.60	.020	.047	.23	3.65	.005	.012	.010	.002
8107230300	.020	.050	.07	4.21	.005	.033	.20	2.40	.005	.013	.011	.002
8107230400	.030	.055	.07	5.05	.035	.059	.29	2.45	.005	.013	.010	.002
8107230500	.034	.054	1.15	9.90	.080	.105	.36	2.62	.012	.020	.007	.002
8107230600	.060	.090	.31	4.40	.065	.103	.48	2.20	.005	.017	.008	.015
8107230700	.035	.100	.48	2.04	.019	.050	.36	1.95	.005	.011	.015	.020
8107230800	.012	.050	.41	1.87	.013	.041	.22	1.90	.005	.005	.023	.029
8107230900	.005	.025	.15	1.80	.005	.018	.11	1.80	.005	.005	.009	.038
8107231000	.005	.020	.12	1.77	.005	.012	.11	1.75	.005	.005	.012	.043
8107231100	.005	.005	.07	1.73	.005	.020	.12	1.81	.005	.005	.013	.050
8107231200	.005	.015	.16	1.99	.005	.019	.13	1.90	.005	.005	.023	.064
8107231300	.005	.020	.18	1.99	.005	.024	.11	1.90	.005	.005	.032	.060
8107231400	.005	.020	.14	1.82	.005	.025	.15	1.92	.005	.005	.038	.050
8107231500	.005	.026	.14	1.80	.005	.023	.18	1.90	.005	.005	.040	.057
8107231600	.005	.025	.14	1.77	.005	.022	.15	1.86	.005	.005	.033	.055
8107231700	.005	.020	.08	1.73	.005	.016	.10	1.81	.005	.005	.033	.040
8107231800	.005	.022	.10	1.74	.005	.024	.10	1.82	.005	.013	.025	.040
8107231900	.005	.030	.21	1.80	.005	.055	.23	2.30	.005	.014	.002	.020
8107232000	.005	.040	.37	2.63	.005	.040	.23	2.28	.005	.013	.002	.010
8107232100	.012	.058	.27	2.50	.020	.070	.39	2.35	.005	.014	.009	.002
8107232200	.020	.080	.22	2.15	.005	.038	.23	2.05	.005	.012	.007	.002
8107232300	.016	.070	.21	2.10	.005	.042	.23	2.10	.005	.018	.009	.010
8107240000	.020	.070	.21	2.63	.005	.040	.29	3.00	.005	.012	.006	.002
8107240100	.018	.053	.16	2.48	.015	.043	.32	2.90	.005	.005	.006	.002
8107240200	.005	.028	.08	2.00	.005	.035	.21	2.02	.005	.005	.011	.002
8107240300	.005	.012	.07	1.85	.005	.016	.11	1.95	.005	.005	.012	.010
8107240400	.005	.005	.06	1.76	.005	.018	.11	1.90	.005	.005	.017	.007
8107240500	.005	.012	.06	1.76	.005	.019	.11	1.89	.005	.005	.020	.008
8107240600	.005	.020	.11	1.76	.005	.040	.23	1.88	.005	.005	.018	.012
8107240700	.011	.031	.21	1.76	.035	.078	.42	2.15	.005	.005	.015	.021
8107240800	.005	.030	.15	1.73	.018	.050	.34	1.80	.005	.013	.016	.020
8107240900	.005	.011	.08	1.70	.005	.020	.11	1.78	.012	.018	.018	.045
8107241000	.005	.012	.10	1.71	.005	.012	.11	1.78	.012	.018	.013	.045
8107241100	.012	.017	.10	1.72	.005	.013	.11	1.80	.014	.018	.020	.050
8107241200	.015	.020	.10	1.72	.005	.013	.09	1.80	.012	.016	.022	.049
8107241300	.014	.020	.16	1.70	.005	.020	.11	1.80	.005	.005	.019	.042
8107241400	.014	.026	.14	1.70	.005	.021	.11	1.80	.005	.012	.019	.029
8107241500	.014	.035	.15	1.75	.012	.043	.20	1.90	.005	.012	.015	.020
8107241600	.011	.050	.19	1.81	.011	.053	.25	1.93	.005	.005	.010	.002
8107241700	.012	.049	.14	1.82	.011	.053	.25	1.90	.005	.005	.008	.002
8107241800	.011	.045	.15	1.77	.005	.044	.18	1.83	.005	.005	.013	.002
8107241900	.018	.055	.21	2.80	.015	.060	.23	1.95	.005	.005	.012	.002
8107242000	.025	.070	.25	2.50	.018	.060	.27	2.00	.005	.005	.002	.002
8107242100	.042	.080	.33	2.65	.060	.105	.42	2.36	.005	.005	.007	.002
8107242200	.014	.050	.19	2.00	.015	.045	.39	2.00	.005	.005	.009	.002
8107242300	.005	.020	.07	1.70	.005	.021	.13	1.90	.005	.005	.010	.002

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	LENTZ HEALTH CENTER ND PPM	NOX PPM	NMOC PPMC	CH4 PPMC	TN STATE UNIVERSITY ND PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SPRING HILL ND PPM	NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
81072500000	.005	.018	.08	1.78	.005	.028	.16	2.00	.005	.005	.010	.002
8107250100	.005	.028	.10	3.40	.005	.022	.28	2.30	.005	.011	.007	.002
8107250200	.005	.029	.07	4.70	.005	.025	.20	2.02	.005	.005	.002	.002
8107250300	.013	.042	.21	3.20	.020	.048	.36	2.30	.005	.011	.006	.002
8107250400	.020	.043	.18	2.63	.030	.058	.23	2.35	.005	.005	.007	.002
8107250500	.016	.039	.16	2.19	.029	.050	.28	2.30	.005	.005	.002	.002
8107250600	.016	.036	.15	2.07	.050	.083	.45	2.60	.005	.005	.002	.002
8107250700	.011	.025	.11	1.87	.025	.060	.26	2.07	.005	.005	.007	.006
8107250800	.005	.019	.07	1.73	.005	.029	.13	1.88	.005	.005	.008	.010
8107250900	.005	.015	.07	1.70	.005	.011	.07	1.81	.005	.012	.010	.020
8107251000	.005	.012	.07	1.70	.005	.015	.11	1.87	.005	.014	.015	.019
8107251100	.005	.015	.07	1.70	.005	.018	.11	1.81	.005	.011	.013	.015
8107251200	.005	.024	.11	1.75	.005	.020	.11	1.90	.005	.005	.013	.011
8107251300	.005	.020	.08	1.70	.005	.032	.15	1.87	.005	.005	.009	.007
8107251400	.005	.028	.11	1.72	.005	.035	.15	1.81	.005	.005	.010	.006
8107251500	.012	.038	.16	2.00	.013	.045	.23	2.20	.005	.005	.011	.008
8107251600	.011	.029	.12	1.87	.005	.031	.23	2.40	.005	.005	.012	.012
8107251700	.005	.024	.11	1.88	.005	.031	.20	2.02	.005	.005	.012	.010
8107251800	.016	.050	.16	1.90	.005	.032	.20	1.90	.005	.005	.008	.002
8107251900	.025	.068	.30	1.95	.020	.065	.27	2.01	.005	.005	.007	.002
8107252000	.027	.071	.30	2.03	.018	.060	.43	2.10	.005	.005	.008	.002
8107252100	.017	.055	.23	1.95	.005	.032	.15	1.84	.005	.005	.009	.002
8107252200	.011	.040	.18	1.86	.013	.043	.22	1.92	.005	.005	.013	.002
8107252300	.012	.033	.15	1.84	.011	.038	.23	1.90	.005	.005	.012	.002
8107260000	.012	.032	.18	1.91	.020	.050	.33	2.05	.005	.012	.010	.002
8107260100	.033	.059	.31	2.10	.065	.095	.43	2.58	.005	.014	.009	.002
8107260200	.050	.075	.34	2.25	.058	.079	.48	2.80	.018	.025	.008	.002
8107260300	.100	.110	.50	2.60	.033	.055	.37	2.63	.017	.024	.006	.002
8107260400	.100	.121	.48	2.82	.030	.050	.32	2.55	.013	.020	.002	.002
8107260500	.060	.090	.35	2.90	.060	.089	.27	2.55	.005	.015	.007	.002
8107260600	.052	.080	.30	2.55	.048	.075	.37	2.60	.005	.005	.008	.002
8107260700	.025	.060	.16	2.32	.033	.073	.32	2.40	.005	.005	.008	.010
8107260800	.012	.024	.07	1.92	.011	.030	.13	2.05	.005	.005	.011	.015
8107260900	.012	.030	.07	1.82	.005	.027	.11	1.95	.005	.005	.017	.025
8107261000	.005	.018	.07	1.71	.005	.025	.11	1.97	.005	.005	.021	.030
8107261100	.005	.011	.07	1.68	.005	.005	.11	1.87	.005	.005	.025	.041
8107261200	.005	.011	.07	1.68	.005	.005	.07	1.77	.005	.005	.025	.045
8107261300	.005	.011	.07	1.67	.005	.005	.07	1.72	.005	.005	.030	.045
8107261400	.005	.011	.07	1.65	.005	.005	.07	1.72	.005	.005	.027	.049
8107261500	.005	.011	.06	1.64	.005	.005	.07	1.75	.005	.005	.027	.045
8107261600	.005	.012	.06	1.64	.005	.011	.07	1.70	.005	.005	.027	.049
8107261700	.005	.012	.07	1.64	.005	.011	.09	1.71	.005	.005	.025	.040
8107261800	.005	.025	.12	1.70	.005	.020	.10	1.78	.005	.005	.019	.028
8107261900	.005	.035	.16	1.77	.005	.020	.11	1.80	.005	.005	.024	.008
8107262000	.013	.032	.12	1.79	.005	.029	.18	1.95	.005	.005	.019	.002
8107262100	.013	.034	.12	1.80	.020	.057	.36	4.60	.005	.011	.014	.002
8107262200	.013	.038	.12	1.87	.040	.080	.41	3.70	.005	.019	.010	.002
8107262300	.012	.028	.10	1.90	.034	.067	.48	6.80	.005	.020	.009	.002

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 14
DATE 10/08/81.
TIME 12.02.01.

HOUR	*---LENTZ HEALTH CENTER---*				*---TN STATE UNIVERSITY---*				*SPRING HILL*		*PERCY*	*TRINITY*
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	O3 PPM	O3 PPM
8107270000	.020	.043	.16	2.30	.018	.041	.29	5.90	.005	.019	.007	.002
8107270100	.012	.024	.08	2.05	.005	.030	.34	4.60	.012	.020	.012	.002
8107270200	.012	.022	.07	2.05	.027	.045	.42	4.60	.012	.021	.013	.002
8107270300	.018	.034	.06	2.25	.029	.048	.39	4.40	.005	.020	.010	.002
8107270400	.060	.072	.21	4.70	.040	.060	.36	3.80	.005	.020	.010	.002
8107270500	.056	.079	.18	4.20	.115	.130	.60	5.60	.012	.020	.009	.002
8107270600	.033	.066	.27	2.75	.178	.220	1.44	4.20	.005	.013	.009	.002
8107270700	.016	.032	.21	1.65	.065	.105	.85	2.80	.005	.005	.010	.002
8107270800	.016	.029	.18	1.86	.005	.029	.21	1.98	.005	.005	.011	.013
8107270900	.017	.026	.16	1.78	.005	.031	.27	2.45	.005	.005	.016	.036
8107271000	.015	.021	.11	1.73	.005	.018	.17	1.98	.005	.005	.028	.039
8107271100	.014	.022	.11	1.71	.005	.015	.12	1.82	.005	.005	.044	.041
8107271200	.015	.024	.15	1.70	.005	.016	.11	1.76	.005	.005	.041	.052
8107271300	.015	.022	.16	1.70	.005	.013	.11	1.76	.005	.005	.035	.048
8107271400	.014	.030	.19	1.70	.005	.035	.21	1.82	.005	.005	.025	.025
8107271500	.016	.050	.21	1.76	.005	.039	.21	1.80	.005	.005	.015	.020
8107271600	.015	.033	.11	1.73	.005	.040	.20	1.80	.005	.005	.006	.002
8107271700	.017	.043	.14	1.76	.014	.053	.23	1.83	.005	.005	.010	.002
8107271800	.022	.053	.16	1.80	.029	.070	.31	1.98	.005	.005	.013	.002
8107271900	.027	.066	.22	1.80	.020	.061	.21	1.93	.005	.005	.015	.002
8107272000	.018	.053	.12	1.80	.020	.055	.23	1.90	.005	.005	.015	.002
8107272100	.014	.049	.11	1.80	.011	.040	.20	1.89	.005	.005	.012	.002
8107272200	.021	.051	.12	1.85	.014	.040	.20	1.90	.005	.005	.012	.002
8107272300	.014	.040	.11	1.93	.012	.037	.18	1.93	.005	.012	.008	.002
8107280000	.013	.030	.10	1.91	.050	.071	.39	2.82	.005	.011	.008	.002
8107280100	.014	.031	.21	2.15	.047	.065	.38	2.70	.005	.005	.009	.002
8107280200	.030	.065	.30	2.76	.029	.045	.25	2.41	.005	.011	.010	.002
8107280300	.045	.080	.31	3.10	.028	.045	.29	2.60	.005	.012	.009	.002
8107280400	.015	.025	.07	2.02	.029	.049	.29	2.48	.005	.005	.008	.002
8107280500	.013	.022	.07	1.62	.005	.021	.11	1.81	.005	.012	.009	.002
8107280600	.013	.024	.07	1.74	.013	.033	.13	1.80	.005	.005	.009	.002
8107280700	.016	.027	.11	1.74	.013	.031	.15	1.80	.005	.012	.008	.002
8107280800	.015	.023	.08	1.70	.005	.019	.13	1.77	.005	.005	.011	.013
8107280900	.015	.021	.07	1.68	.005	.014	.11	1.74	.005	.005	.008	.020
8107281000	.013	.018	.07	1.66	.005	.005	.11	1.73	.005	.005	.013	.020
8107281100	.014	.020	.07	1.65	.005	.013	.11	1.73	.005	.005	.015	.018
8107281200	.014	.020	.11	1.65	.005	.012	.13	1.73	.005	.005	.013	.018
8107281300	.015	.020	.11	1.66	.005	.017	.11	1.78	.005	.005	.013	.020
8107281400	.015	.020	.08	1.65	.005	.016	.11	1.73	.005	.005	.015	.020
8107281500	.015	.020	.07	1.65	.005	.016	.11	1.70	.005	.005	.016	.022
8107281600	.013	.020	.08	1.65	.005	.021	.11	1.72	.005	.005	.015	.018
8107281700	.013	.028	.04	1.95	.005	.020	.11	1.79	.005	.005	.008	.011
8107281800	.013	.025	.07	2.40	.005	.019	.11	1.80	.005	.005	.009	.009
8107281900	.013	.030	.07	2.05	.005	.021	.11	1.85	.005	.005	.007	.002
8107282000	.013	.029	.07	1.70	.005	.022	.11	1.78	.005	.005	.007	.002
8107282100	.013	.028	.07	1.75	.005	.022	.12	1.80	.005	.005	.006	.002
8107282200	.013	.029	.07	1.82	.005	.023	.15	1.86	.005	.005	.002	.002
8107282300	.013	.028	.07	1.81	.015	.038	.15	1.84	.005	.005	.002	.002

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL** NO PPM	NOX PPM	PERCY* O3 PPM	TRINITY O3 PPM
81072900000	.013	.025	.07	1.81	.005	.026	.15	1.87	.005	.005	.002	.002
8107290100	.012	.023	.07	1.83	.021	.040	.17	5.60	.005	.005	.002	.002
8107290200	.012	.025	.07	2.40	.005	.014	.15	2.30	.005	.011	.006	.006
8107290300	.011	.025	.07	1.86	.005	.020	.11	1.82	.005	.005	.002	.002
8107290400	.011	.031	.07	1.83	.005	.020	.12	1.83	.005	.005	.002	.002
8107290500	.012	.030	.07	1.87	.005	.027	.16	1.83	.005	.012	.002	.002
8107290600	.012	.030	.21	1.90	.018	.038	.20	1.83	.005	.014	.002	.002
8107290700	.018	.036	.21	1.92	.019	.040	.23	1.82	.005	.013	.002	.002
8107290800	.011	.025	.11	1.81	.005	.023	.13	1.81	.005	.013	.002	.010
8107290900	.011	.021	.11	1.85	.005	.025	.13	1.82	.005	.017	.002	.012
8107291000	.005	.025	.08	1.76	.005	.025	.13	1.81	.005	.015	.002	.015
8107291100	.005	.020	.07	1.77	.005	.018	.11	1.82	.005	.016	.002	.018
8107291200	.005	.017	.07	1.75	.005	.019	.13	1.81	.005	.015	.006	.021
8107291300	.005	.014	.07	1.73	.005	.017	.12	1.80	.005	.015	.006	.022
8107291400	.005	.019	.07	1.73	.005	.024	.11	1.80	.005	.005	.008	.025
8107291500	.005	.020	.07	1.70	.005	.024	.15	1.81	.005	.005	.012	.025
8107291600	.005	.014	.06	1.70	.005	.021	.11	1.83	.005	.005	.011	.026
8107291700	.005	.014	.07	1.70	.005	.019	.11	1.82	.005	.005	.011	.021
8107291800	.005	.020	.02	2.60	.005	.028	.20	1.80	.005	.005	.012	.014
8107291900	.005	.025	.02	3.00	.005	.020	.13	1.88	.005	.005	.019	.021
8107292000	.005	.019	.06	1.70	.005	.019	.11	1.90	.005	.012	.018	.030
8107292100	.005	.019	.06	1.70	.005	.017	.11	1.83	.005	.012	.015	.029
8107292200	.005	.020	.06	1.72	.005	.016	.11	1.82	.005	.012	.015	.028
8107292300	.005	.022	.06	1.72	.005	.015	.11	1.84	.005	.012	.014	.022
8107300000	.005	.020	.02	1.77	.005	.015	.11	1.85	.005	.014	.014	.019
8107300100	.005	.019	.02	1.78	.005	.015	.10	1.84	.005	.012	.013	.010
8107300200	.005	.020	.02	1.81	.005	.017	.11	1.90	.005	.005	.011	.011
8107300300	.005	.020	.02	1.80	.005	.018	.11	1.91	.005	.005	.011	.011
8107300400	.005	.020	.02	1.82	.005	.019	.12	1.92	.005	.005	.006	.010
8107300500	.011	.030	.07	2.05	.021	.048	.33	1.92	.005	.011	.002	.008
8107300600	.023	.040	.15	1.89	.032	.060	.20	1.88	.005	.012	.002	.011
8107300700	.014	.038	.18	1.78	.016	.032	.16	1.85	.005	.011	.008	.016
8107300800	.005	.022	.11	1.76	.005	.020	.11	1.82	.005	.005	.008	.024
8107300900	9999	9999	.10	1.72	.005	.019	.11	1.83	.005	.005	.007	.025
8107301000	.005	.020	.14	1.74	.005	.023	.15	1.83	.005	.011	.009	.029
8107301100	.005	.016	.12	1.72	.005	.020	.12	1.83	.005	.005	.012	.040
8107301200	.005	.017	.15	1.71	.005	.019	.11	1.82	.005	.005	.012	.043
8107301300	.005	.016	.15	1.71	.005	.020	.13	1.80	.005	.005	.014	.044
8107301400	.005	.015	.12	1.70	.005	.021	.15	1.79	.005	.005	.015	.045
8107301500	.005	.022	.21	1.72	.005	.025	.12	1.79	.005	.005	.017	.040
8107301600	.005	.012	.08	1.72	.005	.021	.11	1.79	.005	.005	.017	.040
8107301700	.005	.012	.08	1.73	.005	.016	.10	1.79	.005	.005	.015	.036
8107301800	.005	.020	.10	1.74	.005	.025	.11	1.80	.005	.005	.006	.019
8107301900	.005	.050	.12	1.95	.029	.077	.25	1.93	.005	.015	.002	.002
8107302000	.005	.046	.14	2.15	.039	.080	.28	1.99	.005	.020	.002	.010
8107302100	.020	.056	.16	2.00	.059	.103	.36	2.03	.005	.015	.002	.015
8107302200	.024	.062	.27	2.10	.110	.151	.44	2.54	.005	.015	.002	.008
8107302300	.015	.055	.30	2.38	.070	.109	.33	4.51	.005	.014	.002	.012

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*---LENTZ HEALTH CENTER---*				*---TN STATE UNIVERSITY---*				*SPRING HILL*		*PERCY*	*TRINITY*
BEGINNING	NO	NOX	NMOC	CH4	NO	NOX	NMOC	CH4	NO	NOX	O3	O3
YYMMDDHH	PPM	PPM	PPMC	PPMC	PPM	PPM	PPMC	PPMC	PPM	PPM	PPM	PPM
8107310000	.026	.059	.31	3.10	.048	.079	.36	6.56	.005	.012	.002	.018
8107310100	.032	.058	.25	2.77	.057	.083	.60	7.50	.005	.014	.002	.002
8107310200	.055	.075	.31	3.10	.055	.079	.59	9.00	.005	.013	.002	.002
8107310300	.065	.088	.27	3.05	.065	.081	.45	7.50	.005	.012	.002	.002
8107310400	.048	.065	.34	2.99	.080	.095	.42	9.47	.005	.011	.002	.002
8107310500	.059	.064	.34	3.06	.069	.083	.69	4.20	.005	.005	.002	.002
8107310600	.098	.130	.45	3.80	.059	.093	.43	2.63	.005	.016	.002	.002
8107310700	.035	.090	.30	3.47	.080	.123	.47	2.40	.005	.019	.002	.002
8107310800	.011	.040	.16	1.89	.030	.072	.26	2.02	.005	.011	.002	.002
8107310900	.005	.022	.11	1.66	.005	.021	.17	1.83	.005	.005	.007	.018
8107311000	.005	.015	.11	1.72	.005	.016	.18	1.80	.005	.005	.009	.030
8107311100	.005	.014	.12	1.72	.005	.013	.15	1.69	.005	.005	.010	.038
8107311200	.005	.014	.14	1.71	.005	.020	.17	1.69	.005	.005	.010	.040
8107311300	.005	.012	.12	1.70	.005	.015	.16	1.72	.005	.005	.010	.040
8107311400	.005	.012	.11	1.69	.005	.016	.16	1.73	.005	.005	.010	.032
8107311500	.005	.011	.08	1.68	.005	.023	.16	1.73	.005	.005	.011	.039
8107311600	.005	.012	.06	1.68	.005	.029	.21	1.75	.005	.005	.012	.040
8107311700	.005	.017	.07	1.77	.005	.025	.16	1.78	.005	.005	.012	.029
8107311800	.005	.025	.07	1.77	.005	.032	.21	1.79	.005	.005	.007	.011
8107311900	.011	.050	.27	1.95	.030	.095	.38	2.10	.005	.005	.002	9999
8107312000	.005	.060	.38	1.99	.061	.125	.58	2.40	.005	.014	.002	9999
8107312100	.031	.080	.37	2.07	.101	.159	.63	2.40	.005	.005	.002	9999
8107312200	.059	.105	.38	2.22	.080	.131	.69	2.40	.005	.005	.002	9999
8107312300	.065	.108	.33	2.88	.080	.120	.60	3.20	.005	.005	.002	9999
8108010000	.015	.049	.14	2.10	.019	.050	.34	2.04	.005	.005	.007	9999
8108010100	.005	.011	.06	1.70	.005	.015	.13	1.82	.005	.005	.008	9999
8108010200	.005	.005	.02	1.70	.005	.013	.15	1.80	.005	.005	.007	9999
8108010300	.005	.005	.02	1.74	.005	.005	.13	1.80	.005	.005	.006	9999
8108010400	.005	.005	.02	1.75	.005	.005	.15	1.82	.005	.005	.006	9999
8108010500	.005	.005	.02	1.76	.005	.015	.16	1.82	.005	.005	.002	9999
8108010600	.005	.029	.07	1.84	.014	.042	.34	1.98	.005	.005	.002	9999
8108010700	.005	.018	.06	1.79	.005	.020	.21	1.80	.005	.005	.002	9999
8108010800	.005	.013	.02	1.72	.005	.011	.17	1.74	.005	.005	.002	9999
8108010900	.005	.012	.02	1.68	.005	.005	.16	1.73	.005	.005	.002	9999
8108011000	.005	.005	.02	1.68	.005	.005	.15	1.74	.005	.005	.006	9999
8108011100	.005	.005	.02	1.68	.005	.005	.15	1.70	.005	.005	.007	9999
8108011200	.005	.005	.02	1.66	.005	.005	.15	1.71	.005	.005	.007	9999
8108011300	.005	.005	.02	1.67	.005	.005	.13	1.70	.005	.005	.007	9999
8108011400	.005	.005	.02	1.65	.005	.005	.12	1.71	.005	.005	.007	9999
8108011500	.005	.011	.02	1.65	.005	.005	.13	1.71	.005	.005	.007	9999
8108011600	.005	.011	.02	1.66	.005	.005	.12	1.71	.005	.005	.007	9999
8108011700	.005	.011	.02	1.66	.005	.005	.11	1.73	.005	.005	.007	9999
8108011800	.005	.012	.02	1.65	.005	.014	.13	1.73	.005	.005	.008	9999
8108011900	.005	.020	.07	1.70	.005	.030	.16	1.80	.005	.005	.008	9999
8108012000	.005	.022	.07	1.75	.025	.065	.25	1.83	.005	.005	.008	9999
8108012100	.005	.031	.07	1.80	.032	.072	.36	1.88	.005	.005	.002	9999
8108012200	.005	.029	.06	1.76	.029	.070	.28	1.88	.005	.011	.002	9999
8108012300	.005	.022	.06	1.80	.019	.055	.21	1.85	.005	.012	.002	9999

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 17
DATE 10/08/81.
TIME 12.02.01.

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8108020000	.005	.015	.06	1.80	.012	.045	.21	1.85	.005	.015	.002	9999
8108020100	.005	.013	.06	1.80	.005	.033	.22	1.89	.005	.005	.002	9999
8108020200	.005	.023	.07	2.40	.054	.080	.44	3.23	.005	.012	.002	9999
8108020300	.027	.045	.07	5.60	.029	.054	.36	2.51	.005	.005	.002	9999
8108020400	.031	.051	.11	4.80	.035	.060	.36	2.58	.005	.005	.002	9999
8108020500	.027	.051	.11	3.00	.019	.044	.33	2.28	.005	.005	.002	9999
8108020600	.005	.028	.07	1.99	.020	.044	.23	1.99	.005	.005	.002	9999
8108020700	.005	.005	.02	1.73	.005	.019	.13	1.80	.005	.005	.002	9999
8108020800	.005	.005	.02	1.69	.005	.012	.11	1.75	.005	.005	.002	9999
8108020900	.005	.005	.02	1.69	.005	.005	.12	1.75	.005	.005	.002	9999
8108021000	.005	.005	.02	1.69	.005	.005	.11	1.74	.005	.005	.002	9999
8108021100	.005	.005	.02	1.70	.005	.005	.11	1.72	.005	.005	.006	9999
8108021200	.005	.005	.02	1.68	.005	.014	.15	1.82	.005	.005	.006	9999
8108021300	.005	.005	.02	1.67	.005	.005	.12	1.79	.005	.005	.007	9999
8108021400	.005	.005	.02	1.67	.005	.005	.11	1.71	.005	.005	.006	9999
8108021500	.005	.005	.02	1.70	.005	.016	.13	1.75	.005	.005	.006	9999
8108021600	.005	.015	.02	1.70	.005	.015	.12	1.72	.005	.005	.006	9999
8108021700	.005	.014	.02	1.68	.005	.013	.12	1.70	.005	.005	.007	9999
8108021800	.005	.015	.06	1.68	.005	.014	.12	1.70	.005	.005	.008	9999
8108021900	.005	.021	.02	1.72	.005	.039	.17	1.80	.005	.005	.008	9999
8108022000	.005	.033	.10	1.83	.038	.089	.26	1.89	.005	.005	.006	9999
8108022100	.005	.032	.11	1.83	.059	.109	.34	1.78	.005	.005	.002	9999
8108022200	.005	.030	.11	1.92	.040	.080	.34	2.00	.005	.015	.002	9999
8108022300	.005	.045	.12	2.25	.053	.080	.61	5.90	.005	.013	.002	9999
8108030000	.015	.049	.10	2.30	.040	.065	.60	7.40	.015	.021	.002	9999
8108030100	.020	.037	.11	2.45	.039	.060	.50	4.20	.015	.021	.002	9999
8108030200	.036	.053	.15	5.00	.123	.149	.60	3.00	.020	.025	.002	9999
8108030300	.060	.069	.18	5.30	.084	.105	.61	3.20	.017	.023	.002	9999
8108030400	.080	.098	.29	4.00	.040	.065	.36	2.55	.013	.020	.002	9999
8108030500	.078	.089	.23	2.87	.049	.071	.36	2.28	.013	.019	.002	9999
8108030600	.145	.165	.57	3.35	.092	.123	.73	2.38	.005	.019	.002	9999
8108030700	.058	.112	.34	2.10	.050	.090	.41	1.98	.005	.005	.002	9999
8108030800	.011	.035	.12	1.80	.005	.028	.23	1.78	.005	.005	.002	9999
8108030900	.005	.019	.11	1.68	.005	.015	.15	1.77	.005	.005	.006	9999
8108031000	.005	.018	.07	1.68	.005	.013	.15	1.72	.005	.005	.007	9999
8108031100	.005	.005	.07	1.68	.005	.011	.15	1.72	.005	.005	.012	9999
8108031200	.005	.005	.08	1.68	.005	.015	.13	1.75	.005	.005	.013	9999
8108031300	.005	.005	.08	1.68	.005	.015	.13	1.72	.005	.005	.013	9999
8108031400	.005	.005	.06	1.68	.005	.022	.16	1.74	.005	.005	.012	.040
8108031500	.005	.011	.02	1.68	.005	.025	.23	1.80	.005	.005	.013	.044
8108031600	.005	.005	.02	1.69	.005	.011	.16	1.72	.005	.005	.013	.041
8108031700	.005	.005	.02	1.69	.005	.014	.15	1.72	.005	.005	.013	.037
8108031800	.005	.015	.06	1.70	.005	.021	.16	1.73	.005	.005	.013	.019
8108031900	.005	.028	.10	1.70	.005	.024	.20	1.80	.005	.005	.012	.002
8108032000	.017	.050	.23	1.92	.040	.090	.36	1.97	.005	.015	.009	.002
8108032100	.020	.065	.22	2.07	.098	.150	.64	2.60	.005	.015	.007	.002
8108032200	.028	.050	.30	2.20	.052	.090	.60	3.20	.005	.015	.006	.002
8108032300	.045	.080	.27	4.77	.039	.069	.50	2.77	.011	.021	.002	.002

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NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*---LENTZ HEALTH CENTER---*				*---TN STATE UNIVERSITY---*				*SPRING HILL*		*PERCY*	*TRINITY*
BEGINNING	NO	NOX	NMOC	CH4	NO	NOX	NMOC	CH4	NO	NOX	O3	O3
YYMMDDHH	PPM	PPM	PPMC	PPMC	PPM	PPM	PPMC	PPMC	PPM	PPM	PPM	PPM
8108040000	.051	.078	.34	4.40	.059	.090	.52	2.70	.014	.022	.002	.002
8108040100	.052	.073	.22	4.70	.052	.077	.39	2.68	.011	.019	.002	.002
8108040200	.043	.073	.21	3.60	.032	.079	.36	3.00	.013	.020	.002	.002
8108040300	.031	.005	.25	2.70	.032	.053	.60	5.10	.013	.019	.002	.002
8108040400	.050	.060	.29	2.83	.032	.051	.63	5.90	.011	.015	.002	.002
8108040500	.076	.089	.34	3.54	.080	.104	.90	4.20	.011	.015	.002	.002
8108040600	.110	.130	.43	5.80	.210	.245	1.30	3.40	.011	.016	.002	.002
8108040700	.024	.070	.21	3.40	.090	.125	.60	3.60	.005	.012	.002	.002
8108040800	.016	.048	.27	2.80	.005	.050	.42	3.60	.005	.005	.008	.026
8108040900	.012	.030	.11	1.81	.005	.025	.27	2.00	.005	.011	.012	.039
8108041000	.005	.019	.07	1.73	.005	.017	.20	1.81	.005	.005	.019	9999
8108041100	.005	.014	.06	1.70	.005	.011	.15	1.75	.005	.005	.020	.050
8108041200	.005	.014	.07	1.69	.005	.011	.15	1.73	.005	.005	.020	.052
8108041300	.005	.005	.06	1.70	.005	.013	.16	1.75	.005	.005	.014	.054
8108041400	.005	.011	.06	1.69	.005	.014	.15	1.76	.005	.005	.020	.051
8108041500	.005	.014	.06	1.69	.005	.021	.21	1.77	.005	.005	.023	.047
8108041600	.005	.014	.02	1.68	.005	.015	.12	1.80	.005	.005	.020	.045
8108041700	.005	.014	.02	1.88	.005	.015	.17	2.20	.005	.005	.018	.045
8108041800	.005	.016	.02	1.70	.005	.021	.15	1.79	.005	.005	.022	.029
8108041900	.011	.029	.16	1.79	.005	.040	.27	1.85	.005	.014	.013	.002
8108042000	.014	.048	.21	1.88	.030	.075	.42	3.20	.005	.014	.010	.002
8108042100	.015	.043	.16	1.91	.031	.071	.81	5.60	.005	.011	.008	.002
8108042200	.016	.049	.15	2.01	.059	.091	.85	6.27	.005	.012	.007	.002
8108042300	.015	.033	.08	1.97	.028	.058	.44	4.30	.005	.015	.011	.002
8108050000	.013	.025	.06	1.90	.012	.043	.73	5.20	.005	.015	.009	.002
8108050100	.013	.023	.06	1.90	.018	.048	.60	4.20	.011	.021	.002	.002
8108050200	.015	.030	.21	3.50	.029	.056	.53	4.30	.005	.019	.002	.002
8108050300	.033	.050	.27	5.16	.044	.071	.53	3.10	.005	.020	.002	.002
8108050400	.050	.075	.31	4.05	.030	.060	.48	2.61	.005	.015	.002	.002
8108050500	.052	.074	.30	3.20	.076	.106	.42	2.40	.005	.014	.002	.002
8108050600	.053	.085	.33	2.62	.105	.150	.88	2.70	.011	.020	.002	.002
8108050700	.023	.059	.23	2.20	.120	.190	1.09	3.45	.005	.012	.002	.002
8108050800	.015	.030	.11	1.62	.005	.050	.36	2.40	.005	.011	.006	.027
8108050900	.015	.022	.07	1.75	.005	.024	.23	1.84	.005	.012	.008	.055
8108051000	.019	.021	.07	1.70	.005	.019	.23	1.85	.005	.011	9999	.069
8108051100	.012	.017	.07	1.68	.005	.018	.27	1.86	.005	.012	9999	.061
8108051200	.011	.014	.10	1.67	.005	.005	.20	1.71	.005	.011	.030	.051
8108051300	.005	.012	.08	1.70	.005	.005	.15	1.70	.005	.011	.015	.055
8108051400	.005	.012	.07	1.68	.005	.011	.15	1.72	.005	.005	.011	.049
8108051500	.011	.013	.07	1.69	.005	.012	.20	1.71	.005	.012	.009	.043
8108051600	.011	.015	.02	1.69	.005	.035	.17	1.71	.005	.012	.009	.040
8108051700	.012	.015	.02	1.69	.005	.015	.13	1.71	.005	.005	.009	.035
8108051800	.012	.023	.06	1.70	.005	.020	.15	1.74	.005	.005	.008	.025
8108051900	.013	.023	.06	1.75	.005	.015	.15	1.74	.005	.011	.008	.026
8108052000	.013	.022	.06	1.76	.005	.019	.15	1.77	.005	.016	.008	.013
8108052100	.013	.022	.02	1.76	.005	.015	.15	1.78	.005	.015	.009	.002
8108052200	.013	.020	.02	1.71	.005	.015	.13	1.77	.005	.012	.008	.002
8108052300	.013	.018	.02	1.74	.005	.013	.13	1.78	.005	.015	.008	.023

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8108060000	.013	.017	.02	1.75	.005	.011	.13	1.80	.005	.015	.007	.012
8108060100	.013	.016	.02	1.78	.005	.005	.13	1.80	.005	.015	.007	.010
8108060200	.013	.015	.02	1.77	.005	.005	.13	1.80	.005	.015	.007	.016
8108060300	.012	.015	.02	1.78	.005	.012	.13	1.80	.005	.014	.007	.018
8108060400	.012	.020	.02	1.76	.005	.012	.13	1.80	.005	.014	.006	.013
8108060500	.012	.018	.07	1.70	.005	.023	.15	1.82	.005	.013	.006	.002
8108060600	.014	.025	.07	1.68	.011	.035	.23	1.80	.005	.013	.002	.002
8108060700	.013	.020	.10	1.64	.005	.033	.23	1.80	.005	.017	.002	.019
8108060800	.014	.023	.08	1.70	.005	.025	.20	1.80	.011	.015	.007	.030
8108060900	.005	.015	.02	1.70	.005	.021	.15	1.78	.011	.015	.009	.037
8108061000	.011	.018	.02	1.63	.005	.016	.16	1.76	.014	.018	.011	.045
8108061100	.012	.015	.06	1.60	.005	.013	9999	9999	.014	.017	.011	.040
8108061200	.012	.016	.07	1.60	.005	.015	9999	9999	.014	.017	.010	.034
8108061300	.014	.017	.07	1.63	.005	.015	.15	1.78	.014	.017	.010	.037
8108061400	.015	.022	.14	1.70	9999	9999	.23	1.88	.005	.005	.010	.034
8108061500	.019	.033	.16	1.85	9999	9999	.36	2.00	.005	.005	.008	.021
8108061600	.015	.030	.07	1.68	.005	.033	.20	1.76	.005	.005	.007	.019
8108061700	.012	.029	.07	1.66	.005	.029	.21	1.78	.005	.015	.007	.019
8108061800	.012	.022	.10	1.69	.005	.030	.17	1.81	.005	.012	.002	.010
8108061900	.011	.025	.10	2.20	.005	.025	.18	2.00	.005	.017	.002	.009
8108062000	.005	.020	.07	1.70	.005	.021	.17	1.75	.005	.012	.002	.002
8108062100	.005	.020	.07	1.73	.005	.020	.20	1.77	.005	.011	.002	.002
8108062200	.012	.024	.07	1.80	.005	.032	.23	1.84	.005	.005	.002	.002
8108062300	.015	.040	.07	1.80	.005	.030	.36	3.40	.005	.011	.002	.002
8108070000	.005	.022	.07	1.75	.005	.026	.21	1.83	.005	.014	.002	.002
8108070100	.005	.021	.07	1.80	.005	.024	.20	1.80	.005	.005	.002	.002
8108070200	.005	.019	.07	1.90	.005	.024	.21	1.90	.005	.011	.002	.002
8108070300	.005	.014	.07	1.88	.005	.025	.25	2.01	.005	.011	.002	.002
8108070400	.005	.019	.07	1.91	.005	.028	.26	2.05	.005	.005	.002	.002
8108070500	.005	.019	.07	1.80	.020	.043	.23	2.20	.005	.005	.002	.002
8108070600	.014	.026	.12	1.82	.026	.050	.40	2.18	.005	.019	.002	.002
8108070700	.011	.021	.16	1.72	.015	.040	.25	1.87	.005	.014	.002	9999
8108070800	.014	.023	.15	1.72	.015	.038	.23	1.85	.005	.018	.002	9999
8108070900	.016	.030	.15	1.70	9999	9999	.21	1.85	.005	.020	.002	.002
8108071000	.017	.025	.14	1.68	9999	9999	.23	1.80	.005	.015	.007	.006
8108071100	.015	.024	.10	1.64	.005	.029	.21	1.76	.005	.015	.009	.010
8108071200	.013	.021	.07	1.63	.005	.030	.36	1.76	.005	.005	9999	.024
8108071300	.012	.020	.07	1.60	.005	.020	.23	1.72	.005	.005	.020	.029
8108071400	.011	.017	.02	1.60	.005	.025	.23	1.70	.005	.005	.023	.029
8108071500	.012	.022	.07	1.63	.011	.045	.36	2.03	.005	.005	.014	.015
8108071600	.005	.017	.07	1.62	.015	.044	.36	2.21	.005	.005	.014	.014
8108071700	.005	.019	.07	1.62	.005	.024	.58	1.80	.005	.005	.014	.018
8108071800	.005	.020	.45	1.62	.015	.050	.23	1.90	.005	.005	.014	.016
8108071900	.005	.023	.06	1.65	.005	.042	.32	1.90	.005	.014	.011	.002
8108072000	.005	.025	.16	1.67	.005	.024	.23	1.84	.005	.014	.007	.014
8108072100	.005	.020	.02	2.40	.005	.034	.23	1.71	.005	.005	.009	.012
8108072200	.005	.023	.16	1.85	.005	.035	.30	2.60	.005	.012	.002	.002
8108072300	.005	.019	.02	1.57	.005	.029	.33	1.81	.005	.012	.002	.002

HOURLY DATA LISTING
SPECIAL STUDY
09074-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 20
DATE 10/08/81.
TIME 12.02.01.

HOUR	*---LENTZ HEALTH CENTER---*				*---TN STATE UNIVERSITY---*				*SPRING HILL*		*PERCY*	*TRINITY
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	O3 PPM	O3 PPM
8108080000	.005	.021	.02	1.63	.005	.032	.25	1.97	.005	.011	.002	.002
8108080100	.005	.022	.02	1.68	.011	.039	.40	5.10	.005	.011	.002	.002
8108080200	.005	.015	.02	1.62	.012	.045	.23	2.16	.005	.011	.002	.002
8108080300	.005	.017	.02	1.60	.005	.029	.20	1.90	.005	.012	.002	.002
8108080400	.005	.014	.02	1.70	.005	.029	.21	1.85	.005	.014	.002	.002
8108080500	.005	.011	.06	1.78	.005	.033	.32	3.80	.005	.012	.002	.002
8108080600	.005	.014	.07	1.80	.015	.039	.30	3.57	.005	.011	.002	.002
8108080700	.005	.024	.11	1.77	.005	.024	.30	3.47	.005	.005	.006	.010
8108080800	.005	.025	.19	1.73	9999	9999	.18	3.40	.005	.005	.012	.015
8108080900	9999	9999	9999	9999	9999	9999	9999	9999	.005	.005	.016	.026
8108081000	9999	9999	9999	9999	9999	9999	9999	9999	.005	.005	.019	.030
8108081100	9999	9999	.02	1.62	.005	.014	.16	1.70	.005	.005	.019	.035
8108081200	9999	9999	.02	1.60	.005	.012	.17	1.70	.005	.005	.023	.035
8108081300	9999	9999	.06	1.62	.005	.012	.13	1.70	.005	.005	.022	.034
8108081400	.005	.005	.02	1.66	.005	.015	.13	1.70	.005	.005	.021	.039
8108081500	.005	.005	.06	1.65	.005	.015	.13	1.70	.005	.005	.024	.045
8108081600	.005	.005	.02	1.62	.005	.015	.15	1.70	.005	.005	.023	.040
8108081700	.005	.005	.10	1.65	.005	.016	.13	1.70	.005	.005	.023	.030
8108081800	.005	.014	.08	1.61	.005	.025	.16	1.79	.005	.005	.012	.015
8108081900	.005	.020	.06	1.65	.005	.031	.23	1.83	.005	.011	.006	.002
8108082000	.005	.020	.09	1.73	.029	.066	.30	1.86	.005	.005	.008	.002
8108082100	.005	.035	.09	1.85	.070	.105	.37	3.60	.005	.012	.002	.002
8108082200	.005	.034	.09	1.90	.065	.098	.54	3.65	.005	.024	.002	.002
8108082300	.005	.040	.09	2.00	.070	.100	.44	5.60	.005	.005	.002	.002
8108090000	.020	.044	.09	1.95	.041	.065	.61	4.60	.005	.011	.002	.002
8108090100	.026	.050	.09	1.95	.030	.059	.48	4.00	.005	.005	.002	.002
8108090200	.011	.044	.09	1.92	.029	.058	.35	2.40	.005	.005	.002	.002
8108090300	.005	.025	.09	2.08	.058	.080	.36	5.00	.005	.012	.002	.002
8108090400	.005	.020	.06	2.07	.049	.069	.61	7.80	.005	.005	.002	.002
8108090500	.005	.024	.06	2.22	.054	.075	.51	6.20	.005	.011	.002	.002
8108090600	.005	.025	.09	2.10	.040	.063	.48	5.00	.005	.017	.002	.002
8108090700	.005	.022	.08	1.90	.030	.060	.40	4.30	.005	.015	.002	.002
8108090800	9999	9999	.06	1.82	.016	.060	.26	2.80	.005	.005	.010	.024
8108090900	9999	9999	9999	9999	.005	.030	.13	1.78	9999	9999	.018	.024
8108091000	9999	9999	9999	9999	.005	.020	.12	1.80	9999	9999	.018	.037
8108091100	9999	9999	.02	1.67	.011	.038	.13	1.75	9999	9999	.017	.045
8108091200	.005	.005	.02	1.65	.005	.023	.11	1.77	9999	9999	.023	.034
8108091300	.005	.005	.02	1.70	.005	.011	.11	1.72	.005	.005	.027	.045
8108091400	.005	.005	.02	1.67	.005	.012	.11	1.73	.005	.005	.028	.050
8108091500	.005	.005	.02	1.64	.005	.012	.11	1.73	.005	.005	.033	.052
8108091600	.005	.005	.06	1.70	.005	.015	.11	1.72	.005	.005	.024	.051
8108091700	.005	.005	.09	1.78	.005	.015	.12	1.70	.005	.005	.018	.050
8108091800	.005	.014	.10	1.95	.005	.032	.15	1.79	.005	.011	.020	.038
8108091900	.005	.041	.34	2.82	.005	.040	.20	1.88	.005	.016	.002	.020
8108092000	.031	.070	.53	2.77	.060	.095	.48	2.15	.005	.016	.002	.015
8108092100	.027	.070	.44	3.10	.032	.068	.61	3.60	.005	.013	.002	.002
8108092200	.049	.082	.65	2.57	.048	.078	.64	4.80	.005	.005	.002	.002
8108092300	.045	.090	.20	3.40	.045	.075	.61	4.50	.005	.005	.002	.002

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 21
DATE 10/08/81.
TIME 12.02.01.

HOUR BEGINNING YYMMDDHH	LENTZ HEALTH CENTER NO PPM	LENTZ NOX PPM	LENTZ NMOC PPMC	LENTZ CH4 PPMC	TN STATE UNIVERSITY NO PPM	TN STATE NOX PPM	TN STATE NMOC PPMC	TN STATE CH4 PPMC	SPRING HILL NO PPM	SPRING HILL NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
8108100000	.033	.072	.23	3.15	.032	.060	.57	4.60	.005	.011	.002	.002
8108100100	.005	.038	.09	2.30	.055	.080	.61	4.80	.005	.012	.002	.002
8108100200	.046	.068	.19	3.50	.023	.045	.61	6.60	.005	.013	.002	.002
8108100300	.039	.059	.02	8.05	.015	.033	.38	4.50	.011	.013	.002	.002
8108100400	.033	.054	.09	4.60	.070	.090	.48	4.15	.011	.013	.002	.002
8108100500	.050	.071	.19	3.13	.108	.125	1.06	9.75	.005	.013	.002	.002
8108100600	.120	.125	.31	3.65	.145	.179	1.47	5.65	.014	.018	.002	.002
8108100700	.180	.270	.92	5.50	.112	.178	.85	2.98	.011	.018	.002	.002
8108100800	.075	.207	.55	2.75	.044	.115	.54	2.27	.005	.005	.002	.020
8108100900	.027	.135	.51	2.60	.020	.100	.48	2.30	.005	.005	.006	.040
8108101000	.005	.015	.09	1.68	.005	.029	.26	2.15	.005	.005	.009	.060
8108101100	.005	.012	.06	1.66	.005	.019	.21	1.84	.005	.005	.012	.055
8108101200	.005	.005	.09	1.64	.005	.017	.21	1.80	.005	.005	.016	.050
8108101300	.005	.005	.02	1.64	.005	.018	.20	1.80	.005	.005	.028	.048
8108101400	.005	.005	.02	1.64	.005	.022	.18	1.80	.005	.005	.025	.048
8108101500	.005	.011	.02	1.64	.005	.027	.16	1.80	9999	9999	.023	.049
8108101600	.005	.005	.02	1.68	.005	.024	.17	1.77	9999	9999	.022	.050
8108101700	.005	.005	.02	1.66	.005	.021	.13	1.85	.005	.005	.013	.045
8108101800	.005	.019	.02	1.68	.005	.038	.21	2.35	.005	.005	.009	.029
8108101900	.005	.040	.13	1.80	.012	.065	.54	2.70	.005	.020	.009	.002
8108102000	.022	.060	.37	2.25	.015	.060	.41	3.23	.005	.015	.007	.008
8108102100	.032	.079	.28	2.13	.031	.078	.53	4.20	.005	.015	.002	.002
8108102200	.016	.061	.15	2.25	.050	.090	.58	3.80	.005	.005	.002	.002
8108102300	.015	.052	.13	2.20	.049	.090	.61	3.70	.005	.014	.002	.002
8108110000	.032	.065	.20	2.36	.053	.088	.63	5.70	.005	.016	.002	.002
8108110100	.032	.073	.34	2.63	.031	.062	.92	8.60	.005	.014	.002	.002
8108110200	.029	.057	.30	2.64	.019	.048	.61	5.55	.005	.011	.002	.002
8108110300	.031	.058	.09	2.30	.037	.061	.61	6.40	.005	.011	.002	.002
8108110400	.059	.071	.23	3.70	.045	.065	.61	6.30	.005	.015	.002	.002
8108110500	.075	.104	.19	3.20	.085	.105	.73	8.00	.005	.014	.002	.002
8108110600	.039	.070	.30	2.30	.133	.163	.73	4.90	.005	.011	.002	.002
8108110700	.030	.068	.28	2.30	.174	.247	1.14	4.27	.005	.012	.002	.002
8108110800	.029	.091	.37	3.90	.050	.130	.74	3.25	.005	.021	.002	.014
8108110900	.005	.039	.23	2.45	.005	.048	.36	2.16	.005	.016	.006	.028
8108111000	.012	.038	.12	2.10	.005	.036	.27	2.06	.005	.011	.035	.049
8108111100	.005	.021	.17	1.73	.005	.024	.23	1.93	.005	.005	.044	.070
8108111200	.005	.019	.09	1.76	.005	.014	.11	1.78	.005	.005	.045	.069
8108111300	.005	.014	.09	1.70	.005	.020	.17	1.73	.005	.005	.035	.055
8108111400	.005	.019	.17	1.70	.005	.020	.16	1.73	.005	.005	.025	.063
8108111500	.005	.021	.34	1.70	.005	.029	.15	1.80	.005	.005	.023	.050
8108111600	.005	.032	.62	1.73	.012	.056	.26	1.43	.005	.005	.016	.021
8108111700	.012	.050	.34	2.30	.019	.057	.31	1.88	.005	.005	.018	.029
8108111800	.005	.029	.09	1.80	.005	.025	.20	1.77	.005	.005	.014	.031
8108111900	.005	.034	.13	1.80	.005	.029	.20	1.80	.005	.005	.009	.018
8108112000	.005	.031	.13	1.81	.005	.040	.21	1.98	.005	.012	.009	.011
8108112100	.005	.035	.12	2.97	.005	.045	.27	2.12	.005	.012	.007	.005
8108112200	.012	.046	.10	3.03	.005	.039	.35	1.98	.005	.011	.002	.005
8108112300	.014	.053	.17	2.90	.005	.035	.23	1.84	.005	.011	.002	.005

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8108120000	.015	.040	.02	5.60	.013	.041	.26	2.38	.005	.005	.002	.002
8108120100	.005	.030	.02	4.80	.005	.020	.26	2.38	.005	.005	.002	.002
8108120200	.005	.026	.02	4.30	.005	.021	.23	2.41	.005	.005	.006	.002
8108120300	.005	.020	.02	2.25	.005	.018	.17	1.88	.005	.005	.007	.008
8108120400	.005	.020	.02	2.05	.005	.028	.32	1.87	.005	.012	.007	.008
8108120500	.015	.038	.09	1.97	.020	.048	.23	1.88	.005	.013	.002	.002
8108120600	.033	.065	.26	1.92	.028	.065	.27	1.85	.005	.014	.002	.007
8108120700	.032	.069	.23	1.80	.034	.068	.30	1.82	.005	.012	.009	.015
8108120800	.025	.068	.23	1.80	.019	.048	.23	1.77	.005	.005	.014	.023
8108120900	.013	.045	.19	1.65	.005	.022	.17	1.65	.005	.005	.018	.038
8108121000	.005	.022	.10	1.72	.005	.019	.16	1.64	.005	.005	.020	.047
8108121100	.005	.019	.12	1.70	.005	.019	.17	1.72	.005	.005	.024	.047
8108121200	.005	.018	.09	1.65	.005	.015	.15	1.71	.005	.005	.025	.048
8108121300	.005	.011	.09	1.67	.005	.016	.15	1.71	.005	.005	.024	.053
8108121400	.005	.015	.12	1.67	.005	.020	.15	1.70	.005	.005	.027	.053
8108121500	.005	.015	.12	1.68	.005	.023	.16	1.70	.005	.005	.027	.051
8108121600	.005	.013	.02	1.69	.005	.026	.15	1.72	.005	.005	.023	.047
8108121700	.005	.017	.02	1.85	.005	.021	.15	1.71	.005	.005	.019	.036
8108121800	.005	.039	.09	1.72	.005	.053	.17	1.79	.005	.005	.011	.019
8108121900	.019	.068	.13	1.80	.032	.093	.30	1.89	.005	.011	.009	.002
8108122000	.040	.089	.30	1.95	.053	.108	.36	2.01	.005	.011	.002	.010
8108122100	.039	.089	.23	2.25	.080	.128	.36	3.25	.005	.005	.006	.016
8108122200	.026	.065	.19	2.49	.108	.150	.51	4.17	.005	.012	.002	.009
8108122300	.060	.090	.23	2.50	.063	.099	.48	5.55	.005	.016	.002	.002
8108130000	.065	.099	.23	2.41	.069	.098	.54	8.10	.005	.018	.002	.002
8108130100	.071	.099	.23	2.48	.070	.098	.63	6.65	.005	.014	.002	.002
8108130200	.060	.090	.26	2.67	.070	.093	.61	9.12	.005	.014	.002	.002
8108130300	.081	.100	.23	7.55	.052	.071	.73	6.00	.005	.005	.002	.002
8108130400	.061	.090	.33	5.30	.047	.065	.61	3.77	.005	.011	.002	.002
8108130500	.060	.073	.30	3.23	.095	.113	.61	5.40	.005	.005	.002	.002
8108130600	.098	.115	.41	2.85	.145	.175	.61	4.75	.005	.005	.002	.002
8108130700	.083	.140	.51	2.80	.110	.165	.73	3.25	.005	.014	.002	.009
8108130800	.014	.061	.30	1.90	.020	.059	.33	1.94	.005	.005	.010	.025
8108130900	.011	.060	.27	1.83	.012	.047	.26	1.82	.005	.005	.012	.039
8108131000	.005	.035	.23	1.72	.005	.025	.21	1.73	.005	.005	.010	.047
8108131100	.005	.020	.13	1.67	.005	.015	.20	1.72	.005	.005	.028	.049
8108131200	.005	.020	.22	1.66	.005	.015	.20	1.71	.005	.005	.024	.050
8108131300	.005	.015	.13	1.60	.005	.018	.23	1.70	.005	.005	.023	.043
8108131400	.005	.021	.09	1.60	.005	.025	.20	1.66	.005	.005	.023	.044
8108131500	.005	.050	.16	1.60	.005	.025	.21	1.68	.005	.005	.022	.049
8108131600	.005	.018	.06	1.60	.005	.027	.20	1.70	.005	.005	.014	.042
8108131700	.005	.020	.06	1.63	.005	.024	.18	1.70	.005	.005	.010	.030
8108131800	.005	.030	.09	1.64	.005	.032	.20	1.72	.005	.005	.006	.029
8108131900	.005	.042	.09	1.67	.005	.032	.21	1.73	.005	.011	.002	.017
8108132000	.005	.043	.10	1.70	.005	.048	.26	1.80	.005	.016	.002	.002
8108132100	.005	.046	.12	1.76	.005	.044	.27	1.85	.005	.014	.002	.002
8108132200	.024	.065	.13	1.80	.005	.030	.23	1.87	.005	.005	.002	.002
8108132300	.012	.053	.09	1.83	.005	.020	.20	1.80	.005	.011	.002	.002

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
8108140000	.005	.033	.13	1.82	.005	.030	.23	1.87	.005	.011	.002	.002
8108140100	.029	.061	.23	2.40	.012	.048	.27	2.00	.005	.015	.002	.002
8108140200	.030	.061	.24	2.42	.005	.023	.18	1.95	.012	.020	.002	.002
8108140300	.048	.071	.48	3.40	.005	.039	.27	2.05	.012	.019	.002	.002
8108140400	.050	.074	.23	6.10	.005	.030	.23	2.00	.011	.016	.002	.002
8108140500	.054	.079	.19	2.25	.020	.038	.26	2.00	.005	.014	.002	.002
8108140600	.109	.129	.41	2.10	.058	.090	.38	2.11	.019	.024	.002	.002
8108140700	.100	.150	.40	2.13	.110	.153	.62	2.18	.005	.016	.002	.010
8108140800	.032	.094	.31	1.87	.062	.125	.48	1.86	.005	.005	.007	.020
8108140900	.005	.039	.19	1.73	.011	.057	.35	1.82	.005	.005	.009	.030
8108141000	.005	.012	.09	1.64	.005	.025	.20	1.80	.005	.012	.019	.055
8108141100	.005	.012	.09	1.64	.005	.021	.17	1.73	.005	.005	.037	.056
8108141200	.005	.012	.09	1.63	.005	.024	.17	1.72	.005	.005	.033	.055
8108141300	.005	.013	.09	1.63	.005	.020	.18	1.72	.005	.005	.028	.052
8108141400	.005	.013	.10	1.63	.005	.022	.20	1.71	.005	.005	.032	.051
8108141500	.005	.016	.10	1.63	.005	.031	.18	1.74	.005	.005	.034	.049
8108141600	.005	.012	.06	1.63	.005	.022	.15	1.72	.005	.005	.030	.050
8108141700	.005	.012	.06	1.63	.005	.020	.17	1.73	.005	.005	.021	.046
8108141800	.005	.017	.09	1.65	.005	.025	.20	1.74	.005	.015	.020	.025
8108141900	.011	.045	.22	1.68	.005	.049	.30	1.85	.005	.015	.025	.010
8108142000	.011	.071	.23	1.80	.005	.078	.36	1.90	.005	.016	.021	.013
8108142100	.005	.054	.12	1.68	.011	.072	.36	1.85	.015	.031	.017	.007
8108142200	.023	.058	.23	2.00	.036	.081	.36	3.70	.015	.031	.016	.002
8108142300	.029	.069	.37	3.40	.032	.075	.42	3.90	.018	.027	.002	.002
8108150000	.027	.060	.19	2.05	.029	.068	.48	2.97	.011	.020	.006	.002
8108150100	.026	.068	.24	2.20	.070	.103	.71	4.07	.005	.014	.009	.002
8108150200	.013	.050	.20	2.15	.065	.094	.77	5.50	.011	.018	.010	.002
8108150300	.005	.023	.09	1.94	.063	.090	.82	5.95	.005	.020	.014	.002
8108150400	.005	.018	.06	1.92	.013	.039	.36	3.43	.005	.018	.018	.002
8108150500	.005	.017	.06	1.62	.005	.029	.23	1.90	.005	.015	.017	.002
8108150600	.005	.019	.06	1.78	.005	.025	.20	1.81	.005	.014	.013	.002
8108150700	.005	.019	.06	1.75	.005	.020	.17	1.77	.005	.005	.013	.019
8108150800	.005	.019	.06	1.70	.005	.019	.16	1.74	.005	.005	.018	.029
8108150900	.005	.019	.02	1.69	.005	.015	.16	1.74	.005	.005	.021	.037
8108151000	.005	.011	.06	1.67	.005	.015	.13	1.74	.005	.005	.031	.045
8108151100	.005	.013	.06	1.66	.005	.020	.16	1.73	.005	.005	.032	.053
8108151200	.005	.015	.06	1.68	.005	.017	.16	1.73	.005	.005	.033	.058
8108151300	.005	.018	.06	1.68	.005	.018	.16	1.73	.005	.005	.033	.058
8108151400	.011	.020	.02	1.66	.005	.017	.13	1.73	.005	.005	.037	.069
8108151500	.012	.020	.02	1.66	.005	.015	.15	1.73	.005	.005	.034	.063
8108151600	.014	.020	.02	1.66	.005	.016	.13	1.72	.005	.011	.033	.064
8108151700	.013	.020	.02	1.65	.005	.016	.13	1.70	.005	.005	.032	.055
8108151800	.013	.025	.06	1.70	.005	.020	.15	1.73	.005	.011	.032	.035
8108151900	.013	.029	.09	1.76	.005	.031	.16	1.80	.005	.014	.028	.025
8108152000	.013	.026	.09	1.75	.005	.023	.17	1.67	.005	.013	.025	.006
8108152100	.014	.024	.09	1.76	.005	.030	.20	2.15	.005	.014	.019	.015
8108152200	.013	.025	.09	2.80	.005	.018	.16	1.82	.005	.013	.008	.024
8108152300	.012	.023	.08	1.90	.005	.018	.15	1.77	.005	.015	.008	.021

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 24
DATE 10/08/81.
TIME 12.02.01.

HOUR BEGINNING YYMMDDHH	LENTZ HEALTH CENTER NO PPM	LENTZ HEALTH CENTER NOX PPM	LENTZ HEALTH CENTER NMOC PPMC	LENTZ HEALTH CENTER CH4 PPMC	TN STATE UNIVERSITY NO PPM	TN STATE UNIVERSITY NOX PPM	TN STATE UNIVERSITY NMOC PPMC	TN STATE UNIVERSITY CH4 PPMC	SPRING HILL NO PPM	SPRING HILL NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
8108160000	.011	.022	.06	1.70	.005	.030	.16	1.75	.005	.005	.008	.017
8108160100	.011	.023	.08	1.78	.005	.020	.21	1.80	.005	.005	.007	.010
8108160200	.011	.022	.09	1.72	.005	.020	.18	1.68	.005	.005	.007	.007
8108160300	.011	.020	.06	1.70	.005	.016	.16	1.73	.005	.005	.007	.014
8108160400	.011	.015	.06	1.66	.005	.011	.15	1.68	.005	.005	.008	.009
8108160500	.011	.021	.06	1.73	.005	.020	.18	1.74	.005	.005	.007	.014
8108160600	.011	.030	.06	1.75	.005	.030	.17	1.77	.005	.005	.002	.014
8108160700	.012	.025	.08	1.72	.005	.026	9999	1.75	.005	.005	.006	.018
8108160800	.012	.019	.06	1.68	.005	.018	9999	1.74	.005	.005	.007	.019
8108160900	.011	.021	.02	1.70	.005	.018	9999	1.85	.005	.011	.008	.028
8108161000	.012	.020	.02	1.79	.005	.014	9999	1.68	.005	.005	.012	.035
8108161100	.012	.020	.02	1.63	.005	.013	9999	1.67	.005	.005	.014	.045
8108161200	.013	.023	.02	1.63	.005	.015	.16	1.67	.012	.013	.015	.046
8108161300	.011	.020	.02	1.65	.005	.017	.15	1.68	.013	.015	.015	.045
8108161400	.011	.020	.02	1.60	.005	.014	.16	1.65	.011	.012	.014	.045
8108161500	.011	.024	.08	1.62	.005	.017	.17	1.68	.012	.018	.012	.034
8108161600	.011	.024	.08	1.62	.005	.021	.18	1.69	.012	.017	.010	.030
8108161700	.012	.034	.08	1.67	.005	.031	.18	1.72	.011	.012	.007	.034
8108161800	.013	.040	.09	1.70	.005	.038	.21	1.75	.005	.011	.002	.027
8108161900	.011	.035	.09	1.68	.005	.020	.18	1.70	.005	.013	.008	.033
8108162000	.011	.029	.06	1.67	.005	.017	.17	1.70	.005	.012	.023	.044
8108162100	.005	.024	.06	1.69	.005	.015	.18	1.70	.005	.013	.022	.043
8108162200	.005	.025	.06	1.70	.005	.015	.17	1.73	.005	.016	.014	.037
8108162300	.005	.022	.02	1.74	.005	.013	.17	1.77	.005	.013	.012	.028
8108170000	.005	.021	.02	1.75	.005	.016	.08	1.79	.005	.011	.010	.009
8108170100	.005	.019	.02	1.72	.005	.018	.18	1.80	.005	.005	.009	.016
8108170200	.005	.018	.02	1.72	.005	.019	.17	1.80	.005	.005	.009	.012
8108170300	.005	.020	.02	1.75	.005	.014	.17	1.80	.005	.005	.009	.011
8108170400	.005	.023	.02	1.78	.005	.018	.18	1.80	.005	.005	.008	.002
8108170500	.012	.031	.09	1.80	.013	.040	.35	1.80	.005	.005	.007	.009
8108170600	.021	.046	.16	1.81	.030	.060	.37	1.80	.005	.005	.002	.006
8108170700	.020	.049	.19	1.80	.029	.055	.35	1.80	.005	.005	.007	9999
8108170800	.015	.034	.15	1.75	.015	.035	.23	1.77	.005	.005	.007	.014
8108170900	.014	.034	.12	1.74	.011	.030	.25	1.77	.005	.005	.007	.015
8108171000	.015	.035	.10	1.75	.014	.036	.23	1.75	.005	.005	.007	.025
8108171100	.013	.034	.15	1.73	.005	.025	.23	1.75	.005	.005	.008	.030
8108171200	.012	.029	.13	1.73	.005	.025	.23	1.75	.005	.011	.019	.032
8108171300	.011	.024	.09	1.74	.005	.025	.23	1.75	.005	.011	.020	.034
8108171400	.005	.021	.09	1.75	.005	.026	.26	1.75	.005	.013	.022	.038
8108171500	.005	.029	.12	1.75	.005	.032	.26	1.75	.005	.012	.020	.039
8108171600	.005	.028	.09	1.73	.005	.029	.22	1.76	.005	.012	.020	.040
8108171700	.005	.025	.06	1.74	.005	.024	.20	1.76	.005	.012	.021	.042
8108171800	.005	.025	.09	1.74	.005	.028	.23	1.75	.005	.011	.021	.034
8108171900	.005	.029	.12	1.79	.005	.025	.21	1.76	.005	.012	.019	.042
8108172000	.005	.022	.06	1.78	.005	.020	.20	1.76	.005	.012	.023	.040
8108172100	.005	.020	.06	1.78	.005	.021	.20	1.76	.005	.005	.024	.040
8108172200	.005	.020	.02	1.77	.005	.024	.18	1.76	.005	.005	.025	.041
8108172300	.005	.016	.02	1.76	.005	.022	.20	1.77	.005	.005	.025	.039

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1991

[illegible]	LLOYD HEALTH CENTER NO (PPM)	NOX (PPM)	[illegible]	[illegible]	TN STATE UNIVERSITY NO (PPM)	NOX (PPM)	[illegible]	[illegible]	[illegible] NO (PPM)	NOX (PPM)	CO (PPM)	CO (PPM)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TN STATE UNIVERSITY NO PPM	NOX PPM	[illegible]	COH	SPRING HILL NO PPM	SPRING HILL NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.062	.012	.61	6.90	.010	.021	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.029	.030	.80	6.30	.012	.017	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.90	.009	.014	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.076	.093	.52	2.72	.011	.014	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.062	.088	.46	2.03	.011	.013	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.090	.103	.66	5.60	.016	.020	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.170	.199	1.23	8.14	.017	.020	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.073	.103	.63	3.00	.010	.023	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.31	2.00	.009	.011	.002	.009
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.26	2.02	.009	.009	.008	.030
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.22	1.74	.009	.009	.022	.043
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.20	1.79	.009	.009	.030	.047
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.20	1.74	.009	.009	.028	.050
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.20	1.64	.009	.009	.028	.056
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.22	1.70	.009	.009	.030	.043
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.26	1.73	.009	.009	.030	.039
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.25	1.72	.009	.009	.034	.044
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9999	9999	.18	1.70	.009	.009	.023	.035
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.003	.073	.38	1.80	.009	.013	.012	.014
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.063	.130	.61	3.10	.009	.024	.013	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.092	.182	.73	4.40	.009	.021	.009	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.089	.190	.73	4.80	.009	.018	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.050	.083	.61	3.80	.009	.018	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.069	.077	.54	4.40	.009	.019	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.039	.064	.61	5.63	.009	.018	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.038	.064	.50	5.02	.009	.015	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.043	.060	.60	6.30	.009	.013	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.020	.043	.73	7.97	.012	.016	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.043	.064	.60	4.60	.011	.014	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.150	.180	.73	5.70	.011	.014	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.200	.233	1.13	2.93	.020	.029	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.092	.167	1.20	2.32	.015	.024	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.032	.125	1.02	2.10	.009	.013	.002	.020
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.059	.60	1.90	.009	.009	.006	.029
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.009	.41	1.60	.009	.009	9999	.040
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.013	.43	1.60	.009	.009	.026	.046
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.009	.42	1.67	.009	.009	.028	.047
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.014	.43	1.65	.009	.009	.028	.052
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.015	.41	1.67	.009	.009	.028	.055
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.023	.23	1.66	.009	.009	.028	.043
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.020	.21	1.66	.009	.009	.030	.039
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.016	.18	1.68	.009	.009	.025	.032
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.021	.18	1.71	.009	.014	.017	.013
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.006	.039	.23	1.80	.009	.015	.010	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.008	.063	.60	2.00	.009	.021	.013	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.049	.43	1.92	.009	.015	.014	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.009	.029	.26	1.88	.009	.016	.015	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.019	.060	.36	2.10	.019	.030	.020	.002

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 13, 1981

[illegible]	LENTZ HEALTH CENTER NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	TN STATE UNIVERSITY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SPRING HILL NO PPM	NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.079	.120	.89	7.60	.022	.029	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.041	.071	.61	6.20	.015	.020	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.030	.065	.54	3.40	.011	.014	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.040	.43	2.60	.012	.016	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.012	.043	.41	2.40	.012	.016	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.027	.055	.37	2.13	.015	.020	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.081	.115	.61	2.15	.021	.028	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.080	.125	.59	2.13	.011	.025	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.052	.110	.52	2.10	.005	.005	.002	.011
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.020	.079	.43	1.92	.005	.005	.008	.026
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.009	.18	1.73	.005	.005	.010	.051
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.009	.17	1.71	.005	.005	.012	.057
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.009	.16	1.68	.005	.005	.011	.061
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.009	.16	1.66	.005	.005	.011	.055
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.18	1.66	.005	.005	.014	.049
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.009	.21	1.66	.005	.005	.025	.044
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.009	.21	1.66	.005	.005	.028	.042
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.011	.21	1.68	.005	.005	.030	.025
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.025	.23	1.72	.005	.011	.027	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.028	.21	1.79	.005	.011	.024	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.030	.22	1.80	.005	.005	.022	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.014	.18	1.73	.005	.005	.028	.012
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.009	.18	1.72	.005	.005	.027	.014
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.011	.17	1.73	.005	.005	.025	.011
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.012	.16	1.70	.005	.005	.023	.012
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.012	.16	1.74	.005	.005	.025	.010
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.018	.21	2.02	.005	.005	.023	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.013	.20	1.80	.005	.005	.022	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.026	.30	2.07	.005	.005	.023	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.032	.081	.33	2.25	.005	.005	.023	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.022	.055	.32	2.90	.005	.005	.017	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.033	.31	1.93	.005	.005	.007	.006
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.018	.20	1.81	.005	.005	.015	.019
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.025	.18	1.67	.005	.005	.023	.027
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.20	1.73	.005	.005	.024	.038
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	9999	9999	.005	.005	.013	.037
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	9999	9999	.005	.005	.012	.040
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.014	.19	1.69	.005	.005	.006	.030
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.029	.24	1.69	.005	.005	.006	.016
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.021	.24	1.69	.005	.005	.006	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.049	.32	1.69	.005	.005	.008	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.021	.083	.47	1.73	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.033	.27	1.79	.005	.005	.006	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.025	.070	.35	1.90	.005	.005	.006	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.052	.43	1.84	.005	.012	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.044	.34	1.85	.005	.012	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.042	.43	1.90	.005	.005	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.034	.45	1.90	.005	.012	.007	.002

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	*---LENTZ HEALTH CENTER---*				*---TN STATE UNIVERSITY---*				*SPRING HILL*		*PERCY*	*TRINITY*
	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	O3 PPM	O3 PPM
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.003	.041	.34	1.93	.005	.012	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.040	.22	1.94	.005	.005	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.034	.20	1.88	.005	.005	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.019	.18	1.80	.005	.005	.008	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.029	.18	1.87	.005	.005	.010	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.013	.054	.34	1.99	.005	.005	.010	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.020	.072	.45	1.90	.005	.012	.009	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.014	.050	.29	1.80	.005	.005	.008	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.016	.22	1.72	.005	.005	.008	.014
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.19	1.70	.005	.005	.009	.024
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.17	1.67	.005	.005	.010	.030
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.70	.005	.005	.038	.034
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.68	.005	.005	.035	.034
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.13	1.67	.005	.005	.020	.028
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	9999	9999	.005	.005	.020	.030
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.011	9999	9999	.005	.005	.023	.030
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.020	9999	9999	.005	.005	.028	.021
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.040	9999	9999	.005	.005	.025	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.060	9999	9999	.005	.005	.023	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.030	9999	9999	.005	.005	.024	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.039	9999	9999	.005	.005	.021	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.039	9999	9999	.005	.005	.022	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.034	9999	9999	.005	.005	.019	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.023	9999	9999	.005	.005	.019	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.024	9999	9999	.005	.005	.018	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.015	9999	9999	.005	.005	.017	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.020	9999	9999	.005	.005	.019	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.020	9999	9999	.005	.005	.020	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.019	9999	9999	.005	.005	.020	.010
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.019	9999	9999	.005	.005	.018	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.019	9999	9999	.005	.005	.017	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.020	9999	9999	.005	.005	.014	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.025	9999	9999	.005	.005	.012	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.022	9999	9999	.005	.005	.010	.006
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.024	.23	1.76	.005	.005	.016	.011
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.030	.28	1.80	.005	.005	.020	.016
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.012	.18	1.75	.005	.012	.018	.023
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.020	.22	1.83	.005	.005	.017	.019
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.016	.18	1.83	.005	.005	.016	.015
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.020	.18	1.70	.005	.005	.015	.009
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.014	.18	1.70	.005	.005	.013	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.14	1.68	.005	.005	.015	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.018	.15	1.68	.005	.005	.016	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.020	.18	1.68	.005	.005	.016	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.017	.18	1.72	.005	.005	.013	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.033	.23	1.78	.005	.005	.014	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.030	.18	1.78	.005	.005	.013	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.011	.12	1.70	.005	.005	.013	.002

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	*----LENTZ HEALTH CENTER----* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*----TN STATE UNIVERSITY----* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY* O3 PPM
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.014	.09	1.70	.005	.005	.013	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.015	.12	1.72	.005	.005	.012	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.018	.13	1.74	.005	.005	.011	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.040	.045	.43	2.93	.005	.012	.011	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.029	.034	.35	2.70	.013	.018	.010	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.030	.24	2.43	.014	.017	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.012	.039	.28	2.30	.005	.011	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.020	.19	1.80	.005	.005	.008	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.71	.005	.005	.009	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.10	1.70	.005	.005	.010	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.70	.005	.005	.010	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.68	.005	.005	.011	.006
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.10	1.68	.005	.005	.015	.013
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.10	1.65	.005	.005	.017	.018
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.66	.005	.005	.016	.022
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.65	.005	.005	.016	.021
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.64	.005	.005	.016	.014
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.65	.005	.005	.018	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.040	.19	1.75	.005	.005	.014	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.050	.18	1.80	.005	.011	.012	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.043	.22	1.75	.005	.012	.008	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.037	.092	.29	2.71	.013	.018	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.139	.160	.74	2.55	.018	.024	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.120	.149	.80	2.81	.023	.028	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.078	.110	.47	2.50	.023	.027	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.051	.089	.34	2.22	.023	.026	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.063	.100	.42	2.43	.014	.018	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.020	.049	.32	2.15	.011	.014	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.019	.047	.23	2.03	.011	.014	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.031	.056	.40	2.02	.005	.012	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.080	.109	.54	2.06	.005	.011	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.060	.101	.48	1.98	.005	.012	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.15	1.66	.005	.005	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.12	1.67	.005	.005	.012	.014
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.15	1.66	.005	.005	.013	.020
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.14	1.66	.005	.005	.013	.020
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.13	1.65	.005	.005	.006	.027
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.15	1.64	.005	.005	.014	.028
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005?	.14	[illegible]	.005?	.005?	.017	.025
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.011	.14	1.63	.005	.011	.017	.011
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.014	.14	1.62	.005	.005	.015	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.023	.17	1.72	.005	.005	.010	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.051	.24	1.80	.005	.012	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.050	.30	1.88	.005	.011	.006	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.021	.064	.34	1.90	.005	.011	.009	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.040	.22	1.90	.005	.005	.009	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.040	.22	1.85	.005	.005	.008	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.029	.18	1.84	.005	.005	.007	.002

[illegible]

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	LENTZ HEALTH CENTER NO PPM	LENTZ NOX PPM	LENTZ NMOC PPMC	LENTZ CH4 PPMC	TN STATE UNIVERSITY NO PPM	TSU NOX PPM	TSU NMOC PPMC	TSU CH4 PPMC	SPRING HILL NO PPM	SPRING HILL NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
[illegible]	.005	.015	.02	1.67	.005	.011	.02	1.98	.005	.005	.008	.002
[illegible]	.005	.005	.02	1.63	.005	.005	.22	1.78	.005	.005	.010	.002
[illegible]	.005	.005	.02	1.62	.005	.005	.09	1.68	.005	.005	.009	.002
[illegible]	.005	.005	.02	1.62	.005	.005	.09	1.73	.005	.005	.008	.002
[illegible]	.005	.005	.02	1.66	.005	.005	.09	1.70	.005	.005	.002	.002
[illegible]	.005	.005	.02	1.68	.005	.029	.12	1.70	.005	.005	.002	.002
[illegible]	.011	.024	.12	1.70	.028	.056	.22	1.72	.005	.011	.002	.002
[illegible]	.013	.034	.20	1.67	.048	.072	.28	1.68	.005	.005	.002	.002
[illegible]	.005	.020	.17	1.64	9999	9999	.19	1.70	.005	.005	.002	.002
[illegible]	.005	.005	.06	1.60	9999	9999	9999	9999	.005	.005	.007	.002
[illegible]	.005	.005	.06	1.60	9999	9999	9999	9999	.005	.005	.008	.002
[illegible]	.005	.005	.09	1.59	9999	9999	.12	1.62	.005	.005	.010	.013
[illegible]	.005	.005	.06	1.58	.005	.005	.14	1.63	.005	.005	.012	.014
[illegible]	.005	.005	.06	1.58	.005	.005	.12	1.63	.005	.005	.013	.014
[illegible]	.005	.005	.06	1.58	.005	.005	.15	1.63	9999	9999	.015	.010
[illegible]	.005	.011	.02	1.58	.012	.040	.24	1.70	9999	9999	.009	.002
[illegible]	.005	.013	.02	1.44	.005	.037	.18	1.90	9999	9999	.007	.002
[illegible]	.005	.005	.06	1.55	.005	.031	.27	1.96	.005	.005	.007	.002
[illegible]	.005	.021	.09	1.58	.005	.041	.22	1.72	.005	.005	.010	.002
[illegible]	.013	.037	.14	1.69	.005	.035	.19	1.73	.005	.005	.010	.002
[illegible]	.025	.043	.14	1.67	.005	.034	.18	1.74	.005	.005	.010	.002
[illegible]	.024	.048	.13	1.67	.024	.049	.22	1.81	.005	.005	.010	.002
[illegible]	.005	.031	.07	1.60	.011	.038	.18	1.64	.005	.005	.008	.002
[illegible]	.005	.013	.02	1.6-	.005	.027	.14	1.76	.005	.005	.006	.002
[illegible]	.005	.005	.02	1.63	.005	.012	.10	1.73	.005	.011	.006	.002
[illegible]	.005	.005	.02	1.63	.005	.024	.09	1.75	.005	.012	.008	.002
[illegible]	.005	.005	.02	1.62	.005	.012	.10	1.74	.005	.012	.010	.002
[illegible]	.005	.005	.02	1.62	.005	.005	.09	1.73	.005	.012	.009	.002
[illegible]	.005	.005	.02	1.62	.005	.014	.09	1.76	.005	.011	.009	.002
[illegible]	.005	.005	.02	1.63	.005	.015	.10	1.78	.005	.011	.008	.002
[illegible]	.005	.017	.09	1.63	.005	.032	.19	1.77	.005	.011	.007	.002
[illegible]	.005	.020	.12	1.64	.005	.025	.22	1.80	.011	.013	.006	.002
[illegible]	.005	.011	.07	1.63	.005	.015	.16	1.79	.016	.020	.007	.002
[illegible]	.005	.005	.07	1.63	.005	.011	.17	1.77	.019	.022	.006	.002
[illegible]	.005	.014	.09	1.63	.005	.015	.15	1.78	.017	.019	.002	.002
[illegible]	.005	.005	.09	1.63	.005	.018	.17	1.74	.019	.020	.002	.002
[illegible]	.005	.005	.07	1.43	.005	.005	.17	1.71	.026	.027	.002	.002
[illegible]	.005	.005	.06	1.60	.005	.005	.17	1.68	.005	.013	.002	.002
[illegible]	.005	.005	.06	1.60	.005	.005	.18	1.68	.025	.027	.002	.002
[illegible]	.005	.013	.09	1.60	.005	.031	.24	1.70	.029	.029	.002	.002
[illegible]	.005	.030	.13	1.82	.025	.063	.34	1.75	.028	.028	.002	.002
[illegible]	.005	.013	.06	1.67	.005	.024	.25	1.72	.026	.027	.002	.002
[illegible]	.005	.016	.09	1.63	.005	.023	.23	1.68	.025	.027	.002	.002
[illegible]	.005	.018	.09	1.64	.005	.029	.19	1.69	.025	.026	.002	.002
[illegible]	.005	.005	.06	1.61	.005	.013	.17	1.70	.022	.022	.002	.002
[illegible]	.005	.014	.09	1.63	.005	.021	.22	1.76	.022	.025	.002	.002
[illegible]	.005	.005	.06	1.61	.005	.005	.14	1.72	.021	.024	.002	.002
[illegible]	.005	.005	.06	1.6-	.005	.019	.18	1.76	.021	.024	.002	.002

[illegible]
[illegible]
[illegible]

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	LENTZ HEALTH CENTER NO PPM	LENTZ HEALTH CENTER NOX PPM	LENTZ HEALTH CENTER NMOC PPMC	LENTZ HEALTH CENTER CH4 PPMC	TN STATE UNIVERSITY NO PPM	TN STATE UNIVERSITY NOX PPM	TN STATE UNIVERSITY NMOC PPMC	TN STATE UNIVERSITY CH4 PPMC	SPRING HILL NO PPM	SPRING HILL NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
[illegible]	[illegible]	[illegible]	.02	1.66	.005	.012	.18	1.87	.020	.021	.002	.002
[illegible]	[illegible]	[illegible]	.02	1.73	.005	.005	.12	1.95	.019	.021	.002	.002
[illegible]	[illegible]	[illegible]	.02	1.77	.005	.005	.12	1.86	.017	.019	.002	.002
[illegible]	[illegible]	[illegible]	.02	1.70	.005	.005	.10	1.78	.013	.017	.002	.002
[illegible]	[illegible]	[illegible]	.02	1.64	.005	.005	.22	2.28	.013	.013	.002	.002
[illegible]	[illegible]	[illegible]	.07	1.61	.005	.018	.18	1.98	.012	.013	.002	.002
[illegible]	[illegible]	[illegible]	.07	1.62	.020	.044	.24	1.83	.015	.020	.002	.002
[illegible]	[illegible]	[illegible]	.10	1.63	.020	.044	.30	2.11	.020	.023	.002	9999
[illegible]	[illegible]	[illegible]	.16	2.20	.019	.047	.30	1.87	.019	.023	.002	.002
[illegible]	[illegible]	[illegible]	.10	1.90	.030	.069	.29	1.72	.016	.018	.002	.002
[illegible]	9999	9999	.06	1.61	.005	.023	.19	1.84	.017	.019	.002	.002
[illegible]	9999	9999	9999	9999	.005	.011	.17	1.88	.019	.020	.002	.002
[illegible]	9999	9999	9999	9999	.005	.014	.18	1.83	.017	.019	.006	.014
[illegible]	[illegible]	[illegible]	.12	1.63	.005	.018	.17	1.80	.005	.005	.002	.014
[illegible]	[illegible]	[illegible]	.06	1.67	.005	.016	.17	1.77	.005	.011	.006	.016
[illegible]	[illegible]	[illegible]	.14	1.67	.005	.020	.22	1.78	.012	.014	.007	.016
[illegible]	[illegible]	[illegible]	.06	1.65	.005	.005	.17	1.80	.013	.016	.008	.013
[illegible]	[illegible]	[illegible]	.17	1.67	.005	.060	.29	1.84	.013	.015	.007	.002
[illegible]	[illegible]	[illegible]	.17	1.70	.005	.040	.37	1.83	.011	.012	.006	.002
[illegible]	[illegible]	[illegible]	.16	1.85	.005	.060	.34	1.90	.005	.011	.002	.002
[illegible]	[illegible]	[illegible]	.30	1.85	.034	.090	.44	2.00	.005	.011	.002	.002
[illegible]	[illegible]	[illegible]	.24	1.92	.101	.145	.69	2.80	.005	.016	.002	.002
[illegible]	[illegible]	[illegible]	.17	1.97	.011	.037	.34	4.87	.005	.015	.002	.002
[illegible]	[illegible]	[illegible]	.14	2.03	.005	.025	.24	2.15	.005	.014	.002	.002
[illegible]	[illegible]	[illegible]	.06	1.87	.005	.020	.34	2.40	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.06	2.05	.005	.005	.13	2.43	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.06	2.10	.005	.005	.13	2.00	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.02	3.00	.005	.005	.17	1.98	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.02	2.30	.005	.022	.34	2.05	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.17	2.00	.020	.050	.28	2.35	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.24	2.02	.042	.071	.34	3.90	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.14	2.20	.017	.040	.38	2.20	.005	.005	.006	.002
[illegible]	[illegible]	[illegible]	.09	1.85	.005	.018	.19	2.23	.005	.005	9999	.020
[illegible]	[illegible]	[illegible]	.06	1.81	.005	.015	.17	1.79	.005	.005	9999	.035
[illegible]	[illegible]	[illegible]	.06	1.70	.005	.005	.14	1.75	.005	.005	.025	.041
[illegible]	[illegible]	[illegible]	.06	1.68	.005	.005	.13	1.86	.005	.005	.033	.044
[illegible]	[illegible]	[illegible]	.06	1.62	.005	.005	.12	1.80	.005	.005	.035	.045
[illegible]	[illegible]	[illegible]	.07	1.64	.005	.011	.10	1.76	.005	.005	.034	.047
[illegible]	[illegible]	[illegible]	.06	1.60	.005	.011	.13	1.73	.005	.005	.033	.049
[illegible]	[illegible]	[illegible]	.06	1.63	.005	.019	.15	1.73	.005	.005	.031	.046
[illegible]	[illegible]	[illegible]	.02	1.63	.005	.020	.13	1.73	.005	.005	.025	.040
[illegible]	[illegible]	[illegible]	.06	1.65	.005	.021	.18	1.80	.005	.005	.011	.025
[illegible]	[illegible]	[illegible]	.09	1.64	.005	.040	.25	1.91	.005	.013	.002	.002
[illegible]	[illegible]	[illegible]	.17	2.00	.011	.053	.30	2.20	.005	.022	.002	.002
[illegible]	[illegible]	[illegible]	.12	2.30	.034	.073	.32	2.22	.005	.017	.002	.010
[illegible]	[illegible]	[illegible]	.13	2.10	.045	.086	.39	3.40	.005	.011	.002	.010
[illegible]	[illegible]	[illegible]	.26	2.07	.090	.120	.62	7.20	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.16	2.10	.112	.143	.97	8.40	.005	.005	.002	.002

[illegible]

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY* O3 PPM
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.112	1.09	8.43	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.030	.099	1.72	5.60	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.011	.029	1.22	6.00	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.014	.031	1.59	6.60	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.025	.040	.97	6.30	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.029	.049	.38	3.00	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.040	.060	.47	4.00	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.027	.34	2.20	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.024	.22	2.07	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.032	.25	2.27	.005	.005	.002	.012
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.022	.29	1.99	.005	.005	.008	.029
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.019	.22	1.98	.005	.005	.010	.046
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.18	1.86	.005	.005	.022	.053
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.15	1.85	.005	.005	.028	.056
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.17	2.00	.005	.005	.033	.062
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.13	1.87	.005	.005	.038	.049
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.12	1.80	.005	.005	.039	.042
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.012	.14	1.93	.005	.005	.029	.030
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.029	.18	1.99	.005	.013	.002	.009
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.019	.070	.44	2.23	.005	.019	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.030	.078	.47	3.70	.005	.013	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.044	.28	2.68	.005	.014	.002	.010
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.035	.28	2.32	.005	.011	.002	.028
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.042	.24	2.10	.005	.012	.002	.024
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.048	.28	2.98	.005	.005	.002	.008
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.039	.24	3.61	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.035	.37	3.40	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.020	.053	.37	2.90	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.011	.039	.49	3.80	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.030	.053	.75	7.70	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.015	.036	.59	8.08	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.022	.22	2.80	.005	.005	.002	.013
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.030	.25	2.24	.005	.005	.002	.020
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.030	.24	2.15	.005	.005	.007	.029
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.016	.23	2.15	.005	.005	.012	.044
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.13	1.85	.005	.005	.014	.053
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.12	1.87	.005	.005	.014	.057
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.88	.005	.005	.015	.060
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.12	1.87	.005	.005	.019	.055
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.79	.005	.005	.030	.053
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.78	.005	.005	.024	.047
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.13	1.90	.005	.005	.013	.030
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.002	.18	2.00	.005	.012	.002	.008
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.038	.22	2.24	.005	.013	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.043	.22	2.43	.005	.015	.002	.021
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.030	.22	1.98	.005	.013	.002	.015
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.018	.14	1.86	.011	.015	.006	.009
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.013	.12	1.90	.012	.017	.012	.008

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	LENTZ HEALTH CENTER NO PPM	NOX PPM	NMHC PPMC	CH4 PPMC	TN STATE UNIVERSITY NO PPM	NOX PPM	NMHC PPMC	CH4 PPMC	SPRING HILL NO PPM	NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
[illegible]	[illegible]	.030	.07	2.40	.005	.005	.09	1.86	.011	.014	.008	.019
[illegible]	[illegible]	.024	.02	1.92	.005	.005	.13	1.95	.011	.013	.007	.008
[illegible]	[illegible]	.027	.02	2.06	.005	.005	.14	2.00	.005	.011	.010	.006
[illegible]	[illegible]	.025	.06	2.07	.005	.012	.19	2.23	.005	.005	.007	.002
[illegible]	[illegible]	.029	.13	3.90	.005	.021	.22	3.10	.005	.005	.002	.002
[illegible]	[illegible]	.040	.02	9.94	.005	.017	.28	2.20	.005	.005	.002	.006
[illegible]	[illegible]	.050	.13	1.67	.005	.018	.22	2.18	.005	.005	.002	.007
[illegible]	[illegible]	.044	.10	2.07	.005	.015	.33	2.18	.005	.005	.002	.011
[illegible]	[illegible]	.040	.12	2.24	.005	.020	.25	2.13	.005	.005	.002	.016
[illegible]	[illegible]	.049	.16	2.10	.005	.032	.25	2.18	.005	.005	.008	.025
[illegible]	[illegible]	.012	.02	2.00	.005	.020	.24	2.20	.005	.005	.008	.040
[illegible]	[illegible]	.005	.02	1.60	.005	.005	.10	1.80	.005	.005	.009	.051
[illegible]	[illegible]	.005	.02	1.60	.005	.005	.10	1.77	.005	.005	.013	.037
[illegible]	[illegible]	.005	.02	1.60	.005	.005	.09	1.74	.005	.005	.014	.038
[illegible]	[illegible]	.005	.02	1.60	.005	.005	.09	1.74	.005	.005	.015	.040
[illegible]	[illegible]	.005	.02	1.60	.005	.005	.07	1.80	.005	.005	.015	.038
[illegible]	[illegible]	.011	.02	1.62	.005	.005	.12	2.20	.005	.005	.014	.034
[illegible]	[illegible]	.018	.02	1.67	.005	.016	.12	1.90	.005	.005	.012	.031
[illegible]	[illegible]	.021	.02	1.70	.005	.024	.02	2.15	.005	.015	.007	.021
[illegible]	[illegible]	.034	.06	1.72	.005	.035	.32	2.63	.005	.020	.007	.002
[illegible]	[illegible]	.032	.06	1.77	.005	.042	.29	2.20	.005	.017	.006	.002
[illegible]	[illegible]	.024	.06	1.78	.005	.015	.17	2.03	.005	.005	.002	.002
[illegible]	[illegible]	.019	.02	1.79	.005	.016	.18	1.85	.005	.005	.006	.002
[illegible]	[illegible]	.017	.02	1.80	.005	.005	.14	1.92	.005	.011	.007	.002
[illegible]	[illegible]	.012	.02	1.78	.005	.005	.18	1.90	.005	.011	.008	.002
[illegible]	[illegible]	.005	.02	1.74	.005	.005	.13	1.94	.005	.011	.008	.010
[illegible]	[illegible]	.005	.02	1.74	.005	.005	.13	1.93	.005	.011	.010	.018
[illegible]	[illegible]	.005	.02	1.75	.005	.005	.12	1.95	.005	.005	.009	.020
[illegible]	[illegible]	.005	.02	1.69	.005	.005	.09	1.86	.005	.005	.008	.019
[illegible]	[illegible]	.014	.02	1.80	.005	.005	.13	1.95	.005	.005	.009	.013
[illegible]	[illegible]	.015	.16	1.70	.005	.014	.17	1.85	.005	.005	.002	.002
[illegible]	[illegible]	.014	.20	1.67	.005	.005	.17	1.83	.005	.005	.002	.002
[illegible]	[illegible]	.017	.06	1.67	.005	.005	.15	1.80	.005	.005	.002	.002
[illegible]	[illegible]	.014	.09	1.65	.005	.005	.14	1.77	.005	.005	.002	.015
[illegible]	[illegible]	.011	.02	1.65	.005	.005	.10	1.77	.005	.005	.007	9999
[illegible]	[illegible]	.012	.06	1.63	.005	.005	.13	1.77	.005	.005	.007	.030
[illegible]	[illegible]	.012	.06	1.63	.005	.005	.10	1.73	.005	.005	.007	.044
[illegible]	[illegible]	.015	.09	1.62	.005	.005	.10	1.75	.005	.005	.009	.039
[illegible]	[illegible]	.020	.06	1.62	.005	.014	.13	1.74	.005	.005	.011	.034
[illegible]	[illegible]	.020	.06	1.63	.005	.014	.13	1.75	.005	.005	.009	.045
[illegible]	[illegible]	.015	.02	1.70	.005	.016	.14	1.82	.005	.005	.010	.045
[illegible]	[illegible]	.013	.07	1.63	.005	.016	.12	1.83	.005	.005	.012	.043
[illegible]	[illegible]	.020	.14	1.78	.005	.015	.14	2.06	.005	.013	.010	.032
[illegible]	[illegible]	.025	.10	1.85	.005	.014	.15	1.95	.005	.005	.009	.033
[illegible]	[illegible]	.019	.02	1.85	.005	.005	.13	1.79	.005	.011	.007	.030
[illegible]	[illegible]	.019	.02	1.79	.005	.015	.17	1.83	.005	.011	.002	.027
[illegible]	[illegible]	.033	.06	2.35	.005	.015	.15	1.86	.005	.005	.002	.017
[illegible]	[illegible]	.020	.02	2.07	.005	.005	.13	1.82	.005	.005	.002	.025

[illegible]

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	LENTZ HEALTH CENTER NO PPM	LENTZ HEALTH CENTER NOX PPM	LENTZ HEALTH CENTER NMOC PPMC	LENTZ HEALTH CENTER CH4 PPMC	TN STATE UNIVERSITY NO PPM	TN STATE UNIVERSITY NOX PPM	TN STATE UNIVERSITY NMOC PPMC	TN STATE UNIVERSITY CH4 PPMC	SPRING HILL NO PPM	SPRING HILL NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
[illegible]	[illegible]	[illegible]	.02	1.81	.005	.014	.15	1.90	.005	.005	.002	.025
[illegible]	[illegible]	[illegible]	.02	1.71	.005	.031	.15	2.20	.005	.005	.002	.024
[illegible]	[illegible]	[illegible]	.02	1.95	.005	.025	.15	2.37	.005	.005	.002	.015
[illegible]	[illegible]	[illegible]	.09	2.29	.005	.030	.19	2.57	.005	.005	.002	.008
[illegible]	[illegible]	[illegible]	.02	2.03	.031	.069	.25	2.83	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.02	2.04	.082	.109	.32	2.45	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.12	2.03	.110	.140	.44	2.50	.011	.015	.002	.002
[illegible]	[illegible]	[illegible]	.34	2.28	.053	.084	.47	2.53	.005	.016	.002	.011
[illegible]	[illegible]	[illegible]	.13	1.97	.022	.053	.25	1.90	.005	.005	.002	.022
[illegible]	[illegible]	[illegible]	.09	1.68	.005	.025	.18	1.84	.005	.005	.009	.030
[illegible]	[illegible]	[illegible]	.06	1.63	.005	.014	.18	1.82	.005	.005	.011	.035
[illegible]	[illegible]	[illegible]	.09	1.61	.005	.005	.13	1.74	.005	.005	.014	.037
[illegible]	[illegible]	[illegible]	.06	1.59	.005	.005	.10	1.73	.005	.005	.014	.038
[illegible]	[illegible]	[illegible]	9999	9999	.005	.005	.12	1.73	.005	.005	.013	.038
[illegible]	[illegible]	[illegible]	9999	9999	.005	.005	.13	1.71	.005	.005	.014	.034
[illegible]	[illegible]	[illegible]	9999	9999	.005	.015	.13	1.74	.005	.005	.013	.037
[illegible]	[illegible]	[illegible]	9999	9999	.005	.020	.10	1.74	.005	.005	.013	.038
[illegible]	[illegible]	[illegible]	9999	9999	.005	.030	.15	1.74	.005	.005	.008	.012
[illegible]	[illegible]	[illegible]	9999	9999	.051	.100	.32	1.97	.005	.014	.002	.002
[illegible]	[illegible]	[illegible]	.20	2.60	.058	.102	.47	4.62	.005	.013	.002	.002
[illegible]	[illegible]	[illegible]	.23	2.08	.069	.110	.53	4.40	.005	.013	.002	.002
[illegible]	[illegible]	[illegible]	.24	2.10	.091	.128	.59	5.82	.005	.005	.002	.002
[illegible]	[illegible]	[illegible]	.13	2.09	.103	.133	1.07	7.40	.005	.013	.002	.002
[illegible]	[illegible]	[illegible]	.12	2.20	.080	.108	1.72	6.75	.012	.018	.002	.002
[illegible]	[illegible]	[illegible]	.12	2.02	.035	.060	1.09	5.65	.011	.014	.002	.002
[illegible]	[illegible]	[illegible]	.14	2.12	.057	.080	.97	5.20	.014	.017	.002	.002
[illegible]	[illegible]	[illegible]	.12	2.12	.058	.083	1.22	7.35	.015	.018	.002	.002
[illegible]	[illegible]	[illegible]	.06	2.09	.029	.049	1.84	5.50	.014	.014	.002	.002
[illegible]	[illegible]	[illegible]	.10	2.33	.058	.074	2.47	6.40	.013	.014	.002	.002
[illegible]	[illegible]	[illegible]	.24	2.93	.105	.130	2.09	6.50	.005	.012	.002	.002
[illegible]	[illegible]	[illegible]	1.19	3.03	.183	.223	1.47	4.17	.015	.019	.002	.002
[illegible]	[illegible]	[illegible]	1.15	3.70	.183	.260	1.35	3.24	.012	.013	.002	.002
[illegible]	[illegible]	[illegible]	.91	3.55	.190	.302	1.09	3.07	.014	.022	.002	.002
[illegible]	[illegible]	[illegible]	.10	1.86	.025	.080	.34	2.07	.005	.005	.002	.012
[illegible]	[illegible]	[illegible]	.06	1.65	.005	.015	.18	1.70	.005	.005	.009	.030
[illegible]	[illegible]	[illegible]	.09	1.64	.005	.005	.17	1.87	.005	.005	.009	.045
[illegible]	[illegible]	[illegible]	.02	1.64	.005	.011	.14	1.85	.005	.005	.012	.055
[illegible]	[illegible]	[illegible]	.02	1.62	.005	.005	.13	1.82	.005	.005	.017	.060
[illegible]	[illegible]	[illegible]	.06	1.63	.005	.011	.12	1.86	.005	.005	.036	.060
[illegible]	[illegible]	[illegible]	.02	1.62	.005	.016	.14	1.83	.005	.005	.034	.060
[illegible]	[illegible]	[illegible]	.02	1.61	.005	.014	.14	1.78	.005	.005	.040	.057
[illegible]	[illegible]	[illegible]	.02	1.62	.005	.029	.18	1.90	.005	.005	.044	.040
[illegible]	[illegible]	[illegible]	.14	1.70	.005	.065	.24	1.87	.005	.018	.029	.002
[illegible]	[illegible]	[illegible]	.55	1.95	.070	.130	.57	2.23	.005	.022	.010	.010
[illegible]	[illegible]	[illegible]	.48	2.80	.080	.135	.57	2.30	.005	.017	.002	.002
[illegible]	[illegible]	[illegible]	.41	3.40	.060	.110	.47	3.10	.005	.014	.002	.002
[illegible]	[illegible]	[illegible]	.38	2.25	.052	.089	.55	4.80	.023	.030	.002	.002
[illegible]	[illegible]	[illegible]	.26	2.25	.055	.090	.59	4.70	.019	.025	.002	.002

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	LENTZ HEALTH CENTER NO PPM	LENTZ HEALTH CENTER NOX PPM	LENTZ HEALTH CENTER NMOC PPMC	LENTZ HEALTH CENTER CH4 PPMC	TN STATE UNIVERSITY NO PPM	TN STATE UNIVERSITY NOX PPM	TN STATE UNIVERSITY NMOC PPMC	TN STATE UNIVERSITY CH4 PPMC	SPRING HILL NO PPM	SPRING HILL NOX PPM	PERCY O3 PPM	TRINITY O3 PPM
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.060	.090	.47	5.60	.016	.020	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.042	.066	.53	6.30	.014	.019	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.029	.050	.38	3.52	.021	.023	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.045	.071	.28	3.05	.023	.029	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.060	.080	.59	4.60	.018	.023	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.150	.170	.65	4.80	.029	.037	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.210	.230	.85	2.70	.030	.039	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.170	.226	.97	2.52	.040	.052	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.076	.125	.59	2.21	.011	.020	.006	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.041	.123	.64	2.16	.005	.005	.007	.027
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.085	.48	2.09	.005	.005	.008	.045
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.030	.24	2.15	.005	.005	9999	.055
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	9999	9999	.005	.005	.016	.083
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.74	.005	.005	.030	.090
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.74	.005	.005	.027	.062
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.74	.005	.005	.026	.055
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.09	1.72	.005	.005	.028	.045
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.025	.15	1.81	.005	.005	.027	.030
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.033	.105	.43	2.38	.005	.014	.010	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.048	.110	.53	2.82	.005	.021	.010	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.135	.200	.89	3.20	.014	.030	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.105	.160	.97	5.82	.019	.029	.007	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.072	.113	.93	8.87	.021	.031	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.085	.125	.69	7.40	.021	.028	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.065	.095	.74	8.15	.025	.030	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.060	.095	.82	8.15	.022	.028	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.044	.073	.70	6.70	.023	.028	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.045	.073	.65	7.65	.025	.032	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.058	.085	.47	6.80	.031	.040	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.109	.135	.70	4.52	.028	.030	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.125	.152	.93	6.25	.021	.026	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.085	.147	.92	4.80	.013	.019	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.044	.133	.93	5.17	.005	.015	.002	.015
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.014	.082	9999	9999	.005	.014	.014	.037
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	9999	9999	.005	.005	.022	.064
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.06	2.00	.005	.005	.035	.065
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.10	1.90	.005	.005	.043	.073
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.10	1.88	.005	.005	.039	.076
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.10	1.83	.005	.005	.034	.076
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.10	1.82	.005	.005	.030	.061
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.005	.10	1.80	.005	.005	.028	.049
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.005	.011	.12	1.80	.005	.005	.025	.040
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.040	.110	.42	2.10	.005	.016	.012	.021
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.035	.105	.47	2.55	.012	.029	.006	.021
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.060	.110	.60	3.03	.011	.027	.006	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.059	.105	.63	4.20	.011	.021	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.054	.100	.62	4.40	.015	.02'	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.051	.095	.56	4.40	.024	.030	.002	.002

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[illegible]

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

[illegible]	Lloyd Health Center NO PPM	Lloyd Health Center NOX PPM	Lloyd Health Center NMOC PPMC	Lloyd Health Center CH4 PPMC	TN State University NO PPM	TN State University NOX PPM	TN State University NMOC PPMC	TN State University CH4 PPMC	Spring Hill NO PPM	Spring Hill NOX PPM	Percy O3 PPM	Trinity O3 PPM
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.58	2.90	.023	.029	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.70	5.00	.021	.025	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.65	8.10	.022	.026	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.46	4.15	.021	.025	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.56	3.80	.022	.025	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.56	3.20	.023	.026	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.52	2.62	.019	.024	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.46	2.33	.005	.014	.002	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.29	2.27	.005	.005	.008	.013
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.29	2.15	.005	.005	.014	.032
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.14	1.80	.005	.005	.015	.051
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.14	1.80	.005	.005	.021	.050
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.10	1.78	.005	.005	.024	.055
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.10	1.79	.005	.005	.024	.051
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.10	1.79	.005	.005	.025	.055
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.10	1.80	.005	.005	.025	.046
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.09	1.80	.005	.005	.025	.046
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.10	1.81	.005	.017	.026	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.18	1.90	.005	.021	.018	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.52	2.50	.005	.020	.015	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.70	2.60	.005	.018	.010	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.70	7.93	.011	.023	.010	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.34	4.00	.005	.020	.009	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.36	4.65	.005	.020	.016	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.70	4.60	.005	.018	.013	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.58	4.60	.014	.020	.010	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.46	5.35	.005	.016	.008	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.40	4.65	.011	.017	.010	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.22	2.96	.011	.015	.011	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.24	2.32	.005	.014	.010	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.36	2.18	.005	.011	.008	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.22	1.92	.005	.005	.007	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.18	1.84	.005	.005	.014	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.17	1.80	.005	.012	.015	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.16	1.80	.005	.005	.014	9999
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.15	1.78	.005	.005	.018	.032
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.15	1.78	.005	.011	.020	.037
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.15	1.78	.011	.014	.020	.034
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.16	1.78	.012	.014	.019	.030
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.16	1.78	.012	.014	.015	.025
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.16	1.77	.012	.013	.017	.025
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.16	1.78	.014	.018	.017	.016
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.16	1.80	.012	.017	.015	.002
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.15	1.80	.011	.018	.015	.011
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.12	1.80	9999	9999	.015	.011
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.14	1.80	.005	.005	.015	.019
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.14	1.81	.005	.012	.013	.013
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.10	1.80	.005	.013	.013	.014

[illegible]

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*---LENTZ HEALTH CENTER---*				*---TN STATE UNIVERSITY---*				*SPRING HILL*		*PERCY*	*TRINITY
BEGINNING	NO	NOX	NMOC	CH4	NO	NOX	NMOC	CH4	NO	NOX	O3	O3
YYMMDDHH	PPM	PPM	PPMC	PPMC	PPM	PPM	PPMC	PPMC	PPM	PPM	PPM	PPM
8109150000	.005	.005	.07	1.67	.005	.005	.12	1.80	.005	.014	.012	.015
8109150100	.005	.005	.07	1.70	.005	.005	.11	1.82	.005	.015	.009	.011
8109150200	.005	.005	.02	1.64	.005	.005	.10	1.81	.005	.013	.013	.015
8109150300	.005	.011	.02	1.67	.005	.005	.12	1.87	.005	.014	.009	.009
8109150400	.005	.005	.02	1.70	.005	.005	.10	1.88	.005	.014	.011	.002
8109150500	.005	.005	.07	1.65	.005	.016	.12	1.92	.005	.013	.009	.002
8109150600	.035	.044	.22	1.76	.035	.080	.34	1.95	.005	.012	.008	.002
8109150700	.056	.098	.37	1.76	.033	.070	.34	1.87	.005	.015	.007	.002
8109150800	.030	.064	.29	1.72	.015	.050	.32	1.82	.011	.015	.008	.020
8109150900	.005	.039	.22	1.69	.005	.039	.28	1.80	.005	.005	.013	.022
8109151000	.015	.055	.22	1.67	.005	.043	.27	1.81	.005	.011	.014	.018
8109151100	.005	.035	.22	1.70	.011	.047	.24	2.00	.005	.005	.007	.019
8109151200	.012	.049	.22	1.68	.005	.030	.26	1.80	.005	.005	.015	.015
8109151300	.005	.029	.22	1.97	.005	.029	.22	1.77	.005	.005	.015	.015
8109151400	.005	.020	.22	1.63	.005	.026	.22	1.80	.005	.005	.010	.021
8109151500	.005	.032	.22	1.80	.005	.034	.22	1.93	.005	.005	.012	.014
8109151600	.005	.021	.12	1.97	.005	.020	.22	1.83	.005	.005	.010	.015
8109151700	.005	.019	.12	2.00	.005	.014	.18	1.85	.005	.005	.009	.012
8109151800	.005	.041	.22	2.00	.005	.024	.18	1.97	.005	.012	.002	.010
8109151900	.005	.020	.08	1.75	.005	.007	.16	1.80	.005	.011	.010	.020
8109152000	.005	.024	.08	1.90	.005	.007	.16	2.00	.005	.012	.008	.017
8109152100	.005	.020	.02	2.05	.005	.005	.18	2.15	.005	.005	.002	.009
8109152200	.005	.015	.08	2.03	.005	.009	.18	1.93	.005	.005	.006	.011
8109152300	.005	.014	.08	1.87	.005	.005	.16	2.06	.005	.005	.002	.006

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

NASHVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1931

PAGE 40
DATE 10/00/81.
TIME 12.02.01.

HOUR BEGINNING YYMMDDHH	*---LENTZ HEALTH CENTER---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---TN STATE UNIVERSITY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*SPRING HILL* NO PPM	NOX PPM	*PERCY* O3 PPM	*TRINITY O3 PPM
MAXIMUM	.258	.312	1.19	9.94	.210	.302	2.47	9.75	.040	.052	.045	.090
MINIMUM	.005	.005	.02	1.44	.005	.005	.02	1.43	.005	.005	.002	.002
MEAN	.017	.036	.17	2.05	.019	.040	.26	2.39	.007	.010	.011	.018
VALID	1769	1769	1709	1709	1740	1740	1571	1548	1804	1824	1820	1352
PERCENT	95.7	95.7	92.5	92.5	94.2	94.2	85.0	83.8	97.6	98.7	98.5	73.2
INVALID	79	79	139	139	108	108	277	300	44	24	28	496
PERCENT	4.3	4.3	7.5	7.5	5.8	5.8	15.0	16.2	2.4	1.3	1.5	26.8
TOTAL	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848
PERCENT	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

LEGEND

TYPE OF INVALID DATA	CODED VALUE	EXPLANATION
INVALID 1	9999	MISSING/MAINT.

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APPENDIX B

LOUISVILLE HOURLY DATA LISTING

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 1
DATE 10/08/81.
TIME 12.03.32.

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*----------SEAGRAMS PROPERTY----------* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*-----ROBY ELEMENTRY SCHOOL------* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107010000	9999	9999	9999	9999	.005	.021	.20	1.65	2.	360.	.005	.029	.011	9999	9999
8107010100	9999	9999	9999	9999	.005	.016	.33	1.70	2.	360.	.062	.092	.002	9999	9999
8107010200	9999	9999	9999	9999	.005	.011	.15	1.73	2.	30.	.051	.063	.002	9999	9999
8107010300	9999	9999	9999	9999	.005	.010	.02	1.77	3.	35.	.015	.040	.007	9999	9999
8107010400	9999	9999	.20	1.75	.005	.005	.02	1.67	7.	90.	.005	.050	.025	9999	9999
8107010500	9999	9999	.15	1.70	.005	.011	.02	1.59	4.	130.	.005	.005	.045	9999	9999
8107010600	9999	9999	.20	1.70	.005	.022	.13	1.63	3.	175.	.020	.043	.020	9999	9999
8107010700	.005	.027	.25	1.68	.005	.026	.14	1.67	2.	105.	.005	.020	.027	9999	9999
8107010800	.005	.017	.20	1.65	.005	.025	.13	1.65	2.	85.	.005	.012	.045	9999	9999
8107010900	.005	.022	.35	1.68	.005	.016	.13	1.62	4.	90.	.005	.005	.054	9999	9999
8107011000	.005	.018	.25	1.65	.005	.012	.04	1.57	4.	65.	.005	.005	.057	9999	9999
8107011100	.005	.018	.25	1.65	.005	.005	.02	1.60	6.	55.	.005	.005	.065	9999	9999
8107011200	.005	.015	.20	1.62	.005	.005	.02	1.60	6.	70.	.005	.005	.065	9999	9999
8107011300	.005	.015	.40	1.61	.005	.005	.02	1.62	6.	75.	.005	.005	.065	9999	9999
8107011400	.005	.014	.20	1.65	.005	.005	.02	1.62	5.	60.	.005	.005	.077	9999	9999
8107011500	.005	.018	.25	1.61	.005	.005	.02	1.60	6.	55.	.005	.005	.069	9999	9999
8107011600	.005	.016	.20	1.60	.005	.005	.02	1.62	7.	35.	.005	.005	.070	9999	9999
8107011700	.005	.012	.20	1.62	.005	.005	.02	1.62	8.	30.	.005	.005	.070	9999	9999
8107011800	.005	.015	.15	1.62	.005	.010	.02	1.62	9.	45.	.005	.005	.066	9999	9999
8107011900	.005	.032	.25	1.75	9999	9999	9999	9999	4.	60.	.005	.005	.063	9999	9999
8107012000	.010	.057	.30	1.82	.005	.015	.13	1.63	4.	50.	.005	.043	.040	9999	9999
8107012100	.022	.070	.50	1.95	.005	.021	.15	1.67	2.	55.	9999	9999	.020	9999	9999
8107012200	.018	.065	.40	2.05	.005	.023	.15	1.67	3.	50.	.095	.115	9999	9999	9999
8107012300	.027	.075	.50	2.12	.005	.013	.14	1.72	3.	45.	.005	.025	.002	9999	9999
8107020000	.017	.057	.35	2.15	.005	.011	.12	1.76	2.	45.	.005	.023	.002	9999	9999
8107020100	.010	.043	.25	1.95	.005	.010	.07	1.74	2.	25.	.120	.140	.002	9999	9999
8107020200	.005	.020	.30	2.12	.005	.005	.04	1.77	1.	330.	.094	.112	.002	9999	9999
8107020300	.005	.027	.35	2.20	.005	.005	.03	1.77	2.	20.	.060	.077	.002	9999	9999
8107020400	.010	.041	.25	2.10	.005	.005	.02	1.77	2.	15.	.047	.062	.002	9999	9999
8107020500	.012	.045	.30	2.00	.005	.018	.10	1.78	2.	25.	.005	.033	.002	9999	9999
8107020600	.037	.075	.30	1.95	.005	.015	.13	1.76	4.	50.	.005	.030	.010	9999	9999
8107020700	.017	.040	.35	1.85	.005	.011	.07	1.74	6.	50.	.005	.005	.025	9999	9999
8107020800	.005	.020	.35	1.85	.005	.005	.03	1.70	5.	55.	.005	.005	.040	9999	9999
8107020900	.005	.017	.40	1.80	.005	.005	.03	1.68	5.	70.	.005	.005	.042	9999	9999
8107021000	.005	.015	.25	1.80	.005	.005	.02	1.58	5.	75.	.005	.005	.047	9999	9999
8107021100	.005	.023	.30	1.77	.005	.005	.17	1.58	6.	70.	.005	.005	.050	9999	9999
8107021200	.005	.020	.20	1.82	.005	.010	.19	1.58	5.	95.	.005	.005	.053	9999	9999
8107021300	.005	.017	.25	1.75	.005	.005	.06	1.58	5.	70.	.005	.005	.057	9999	9999
8107021400	9999	9999	9999	9999	.005	.005	.04	1.58	6.	75.	.005	.005	.065	9999	9999
8107021500	9999	9999	9999	9999	.005	.010	.07	1.61	6.	70.	.005	.012	.054	9999	9999
8107021600	.005	.020	9999	9999	.005	.005	.05	1.58	6.	80.	.005	.005	.046	9999	9999
8107021700	.005	.015	.20	1.68	.005	.012	.10	1.63	6.	140.	.005	.005	.048	9999	9999
8107021800	.005	.020	.25	1.70	.005	.010	.07	1.58	4.	115.	.005	.005	.042	9999	9999
8107021900	.005	.016	.20	1.70	.005	.013	.08	1.64	3.	110.	.005	.005	.050	9999	9999
8107022000	.005	.015	.20	1.75	9999	9999	9999	9999	3.	100.	.005	.005	.035	9999	9999
8107022100	.005	.018	.25	1.75	9999	9999	.12	1.69	3.	105.	.005	.010	.024	9999	9999
8107022200	.005	.016	.20	1.74	.005	.019	.08	1.65	3.	95.	.005	.013	.015	9999	9999
8107022300	.005	.016	.20	1.77	.005	.015	.07	1.62	3.	105.	.005	.015	.015	9999	9999

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 2
DATE 10/08/81
TIME 12.03.32.

HOUR BEGINNING	BROADWAY MEDICAL BLDGS.				SEAGRAMS PROPERTY						ROBY ELEMENTRY SCHOOL				
YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107030000	.005	.012	.15	1.75	.005	.014	.04	1.67	2.	150.	.005	.005	.016	9999	9999
8107030100	.005	.005	.20	1.75	.005	.011	.04	1.73	2.	160.	.005	.005	.018	9999	9999
8107030200	.005	.005	.25	1.75	.005	.010	.02	1.72	3.	165.	.005	.005	.019	9999	9999
8107030300	.010	.020	.20	1.74	.005	.005	.02	1.74	3.	160.	.027	.057	.007	9999	9999
8107030400	.005	.012	.20	1.80	.005	.005	.02	1.73	3.	145.	.005	.005	.017	9999	9999
8107030500	.005	.005	.15	1.77	.005	.012	.07	1.77	4.	165.	.005	.011	.015	9999	9999
8107030600	.005	.012	.20	1.77	.005	.010	.05	1.72	4.	170.	.005	.005	.018	9999	9999
8107030700	.005	.011	.20	1.76	.005	.010	.10	1.69	4.	170.	.005	.017	.015	9999	9999
8107030800	.005	.016	.20	1.83	.005	.014	.04	1.77	5.	185.	.005	.014	.022	9999	9999
8107030900	.005	.022	.30	1.75	.005	.018	.17	1.63	6.	210.	.010	.032	.015	9999	9999
8107031000	.005	.030	.25	1.80	.005	.022	.17	1.73	4.	175.	9999	.020	.025	9999	9999
8107031100	.005	.030	.30	1.84	.005	.026	.18	1.74	2.	165.	9999	.068	9999	9999	9999
8107031200	.005	.032	.30	1.76	.005	.025	.17	1.77	2.	170.	.005	.036	9999	9999	9999
8107031300	.010	.032	.35	1.77	.010	.027	.25	1.70	3.	165.	.005	.005	.047	9999	9999
8107031400	.005	.015	.25	1.81	.005	.019	.21	1.69	3.	170.	9999	9999	.046	9999	9999
8107031500	.005	.015	.25	1.71	.005	.015	.05	1.68	4.	165.	.005	.005	.050	9999	9999
8107031600	.005	.012	.20	1.75	.005	.013	.07	1.69	4.	170.	.005	.005	.047	1.9	155.
8107031700	.005	.011	.20	1.69	.005	.010	.05	1.67	6.	165.	.005	.005	.046	1.7	120.
8107031800	.005	.012	.25	1.70	.005	.012	.07	1.68	4.	155.	.005	.005	.041	3.0	110.
8107031900	.005	.017	.35	1.77	.005	.017	.10	1.70	3.	160.	.005	.012	.035	1.8	120.
8107032000	.005	.036	.35	1.80	9999	9999	9999	9999	4.	220.	.032	.035	.020	3.0	155.
8107032100	.005	.055	.45	2.00	.010	.068	.27	1.87	1.	85.	.005	.018	.022	2.2	145.
8107032200	.005	.047	.40	2.07	.005	.038	.32	1.82	1.	220.	.005	.017	.020	2.3	165.
8107032300	.005	.027	.35	1.92	.010	.054	.33	1.90	3.	155.	.018	.045	.007	8888	8888
8107040000	.005	.020	.80	1.90	.005	.023	.08	1.75	2.	165.	.067	.092	.005	8888	8888
8107040100	.005	.035	.55	2.03	.005	.031	.13	1.92	1.	255.	.058	.085	.002	8888	8888
8107040200	.011	.047	.40	2.35	.005	.036	.15	2.25	2.	120.	.005	.027	.002	8888	8888
8107040300	.005	.025	.35	2.07	.005	.027	.06	2.12	1.	130.	.030	.035	.002	8888	8888
8107040400	.005	.015	.30	2.02	.005	.024	.08	1.95	1.	125.	.104	.119	.002	8888	8888
8107040500	.005	.015	.30	1.96	.005	.020	.05	1.90	2.	170.	.097	.115	.002	8888	8888
8107040600	.005	.020	.20	2.02	.005	.021	.17	1.87	3.	170.	.072	.079	.002	8888	8888
8107040700	.005	.030	.35	2.34	.010	.037	.14	2.10	3.	185.	.036	.048	.002	1.3	215.
8107040800	.005	.027	.30	2.12	.010	.030	.03	1.92	4.	195.	.005	.015	.015	3.3	220.
8107040900	.005	.016	.25	1.75	.005	.027	.02	1.72	5.	190.	.005	.005	.035	6.0	210.
8107041000	.005	.015	.20	1.75	.005	.024	.06	1.75	6.	200.	.005	.012	.040	5.7	215.
8107041100	.005	.010	.15	1.70	.005	.020	.04	1.68	6.	190.	.005	.013	.040	6.0	235.
8107041200	.005	.013	.25	1.70	.005	.019	.04	1.68	5.	175.	.005	.017	.036	1.8	360.
8107041300	.005	.015	.30	1.74	.005	.016	.02	1.65	4.	170.	.005	.005	.055	3.3	240.
8107041400	.005	.012	.25	1.71	.005	.018	.04	1.70	5.	175.	.005	.005	.050	5.9	210.
8107041500	.005	.012	.25	1.73	.005	.012	.02	1.70	6.	205.	.005	.013	.056	7.3	180.
8107041600	.005	.015	.30	1.85	9999	9999	9999	9999	4.	245.	.005	.010	.045	3.9	240.
8107041700	.005	.010	.20	1.70	.005	.015	.09	1.64	5.	160.	.005	.005	.050	8.8	195.
8107041800	9999	9999	9999	9999	.005	.018	.05	1.70	3.	145.	.005	.005	.042	3.7	165.
8107041900	.005	.015	.30	1.79	.005	.021	.02	1.72	3.	135.	.005	.005	.040	1.9	110.
8107042000	.005	.025	.35	1.82	.005	.017	.16	1.70	3.	95.	9999	9999	9999	2.7	80.
8107042100	.005	.030	.30	1.79	.005	.018	.16	1.64	2.	90.	.005	.005	.035	3.2	70.
8107042200	.005	.020	.25	1.77	.005	.022	.16	1.64	2.	105.	.005	.005	.035	3.1	95.
8107042300	.005	.015	.25	1.78	.005	.028	.16	1.70	1.	115.	.005	.005	.026	2.3	50.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 3
DATE 10/00/81
TIME 12.03.32

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*----------SEAGRAMS PROPERTY----------* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*-----ROBY ELEMENTRY SCHOOL-----* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107050000	.005	.014	.15	1.80	.005	.020	.16	1.75	2.	155.	.005	.018	.015	.8	100.
8107050100	.005	.017	.35	1.89	.005	.019	.16	1.75	4.	225.	.013	.025	.010	3.6	210.
8107050200	.005	.012	.30	1.83	.005	.017	.16	1.61	3.	245.	.005	.012	.015	2.2	270.
8107050300	.005	.012	.40	1.89	.005	.010	.16	1.68	4.	230.	.005	.017	.010	2.3	360.
8107050400	.005	.015	.30	1.92	.005	.015	.10	1.75	3.	45.	.005	.010	.016	2.4	70.
8107050500	.005	.015	.35	1.95	.005	.013	.04	1.75	2.	125.	.005	.005	.023	2.4	110.
8107050600	.005	.017	.30	1.96	.005	.028	.04	1.77	2.	135.	.005	.005	.023	2.6	110.
8107050700	.005	.015	.35	1.88	.005	.030	.04	1.70	2.	70.	.005	.005	.020	2.4	120.
8107050800	.005	.011	.25	1.82	.005	.015	.04	1.72	2.	130.	.005	.005	.021	4.2	160.
8107050900	.005	.012	.20	1.82	9999	9999	9999	9999	5.	170.	.005	.012	.019	4.8	180.
8107051000	.005	.005	.15	1.70	.005	.011	.02	1.70	5.	165.	.005	.005	.025	4.3	155.
8107051100	9999	9999	9999	9999	.005	.014	.02	1.70	4.	170.	.005	.005	.030	5.8	145.
8107051200	.005	.010	.25	1.70	.005	.015	.02	1.68	3.	160.	.005	.013	.029	5.2	160.
8107051300	.005	.010	.25	1.70	.005	.017	.03	1.72	3.	160.	9999	9999	9999	5.8	155.
8107051400	.005	.012	.25	1.71	.005	.018	.04	1.75	4.	170.	.005	.005	.030	3.6	140.
8107051500	.005	.005	.20	1.63	.005	.011	.02	1.65	5.	165.	.005	.005	.032	4.0	110.
8107051600	.005	.005	.20	1.63	.005	.013	.02	1.67	4.	145.	.005	.005	.025	2.2	70.
8107051700	.005	.005	.20	1.66	.005	.010	.02	1.67	3.	130.	.014	.032	.015	3.0	200.
8107051800	.005	.017	.25	1.69	.005	.016	.02	1.67	2.	95.	.012	.032	.010	2.7	230.
8107051900	.005	.022	.25	1.70	.005	.018	.02	1.67	1.	75.	.017	.030	.007	3.1	215.
8107052000	.005	.022	.25	1.87	.005	.016	.07	1.71	2.	360.	.025	.045	.002	2.4	205.
8107052100	.005	.036	.40	1.79	.005	.015	.07	1.67	2.	5.	.010	.030	.002	1.4	185.
8107052200	.005	.032	.40	1.78	.005	.017	.08	1.68	1.	290.	.047	.063	.002	2.0	210.
8107052300	.005	.030	.30	1.90	.005	.020	.02	1.75	2.	280.	.005	.023	.005	2.0	240.
8107060000	.005	.027	.35	2.07	.005	.015	.02	1.70	1.	300.	.030	.033	.002	3.2	180.
8107060100	.005	.027	.35	2.25	.005	.018	.02	1.72	1.	280.	.015	.028	.002	2.0	180.
8107060200	.005	.027	.40	2.37	.005	.015	.02	1.69	2.	325.	.011	.012	.002	1.6	280.
8107060300	.011	.033	.50	3.12	.005	.010	.02	1.69	1.	345.	.014	.025	.002	.9	315.
8107060400	.005	.030	.50	2.82	.005	.014	.02	1.74	9999	9999	.012	.027	.002	1.2	100.
8107060500	.022	.050	.50	2.40	.005	.023	.02	1.85	2.	240.	.035	.073	.002	2.2	195.
8107060600	.047	.070	.70	2.35	.023	.036	.02	1.90	2.	245.	.013	.029	.002	2.3	220.
8107060700	.033	.062	.90	2.62	.015	.028	.02	1.70	2.	265.	.005	.018	.009	2.9	210.
8107060800	.020	.045	.40	1.82	.005	.011	.02	1.70	4.	295.	.010	.022	.010	3.8	220.
8107060900	.030	.052	.30	1.75	.005	.016	.02	1.68	4.	320.	.005	.010	.017	2.6	240.
8107061000	.020	.042	.50	1.70	.010	.020	.02	1.68	3.	310.	.005	.005	.027	2.7	220.
8107061100	.030	.047	.40	1.70	.005	.012	.02	1.75	4.	305.	.005	.005	.036	3.2	240.
8107061200	.018	.033	.30	1.66	.005	.016	.02	1.67	3.	305.	.005	.011	.040	3.0	250.
8107061300	.025	.065	.30	1.69	.005	.019	.02	1.66	3.	310.	.005	.005	.045	3.2	245.
8107061400	.015	.062	.35	1.70	.005	.014	.02	1.65	2.	275.	.005	.005	.052	2.5	240.
8107061500	.005	.045	.45	1.76	.005	.011	.02	1.62	2.	300.	.005	.005	.056	2.8	220.
8107061600	9999	9999	9999	9999	.005	.010	.02	1.64	2.	15.	.005	.012	.045	4.0	205.
8107061700	9999	9999	9999	9999	.005	.010	.02	1.61	2.	255.	.005	.017	.040	3.7	205.
8107061800	9999	9999	.35	1.85	.005	.014	.02	1.59	2.	260.	.005	.023	.025	4.2	195.
8107061900	.005	.057	.70	2.12	.005	.021	.04	1.62	1.	275.	.005	.032	.015	3.6	205.
8107062000	.035	.095	1.20	2.65	.005	.030	.04	1.67	1.	60.	9999	9999	9999	3.2	190.
8107062100	.012	.067	.70	2.29	.005	.026	.04	1.75	2.	70.	.005	.023	.010	2.8	205.
8107062200	.005	.040	.45	2.07	9999	9999	9999	9999	1.	180.	.012	.037	.005	2.2	225.
8107062300	.005	.037	.40	2.00	.005	.037	.08	1.79	1.	180.	.033	.050	.002	1.8	195.

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*----SEAGRAMS PROPERTY----* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*----ROBY ELEMENTRY SCHOOL----* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107070000	.010	.035	.30	2.07	.005	.039	.20	1.80	2.	250.	.020	.037	.002	3.0	200.
8107070100	.011	.037	.40	2.22	.005	.035	.10	2.25	1.	260.	.034	.057	.002	1.5	225.
8107070200	.005	.032	.50	2.20	.005	.028	.18	1.82	1.	255.	.022	.035	.002	2.4	210.
8107070300	.017	.032	.45	2.25	.005	.030	.10	2.00	2.	240.	.005	.010	.009	4.4	220.
8107070400	.012	.032	.35	1.96	.005	.026	.30	2.40	2.	205.	.005	.011	.010	4.2	215.
8107070500	.018	.042	.40	1.95	.005	.020	.20	1.90	3.	230.	.012	.026	.005	2.4	215.
8107070600	.040	.062	.55	2.03	.005	.021	.05	1.73	3.	240.	.013	.020	.009	4.0	220.
8107070700	.030	.050	.75	2.03	.005	.022	.05	1.70	3.	245.	.012	.017	.011	3.8	250.
8107070800	.030	.050	.50	1.92	.005	.024	.04	1.68	3.	230.	.005	.019	.015	4.3	240.
8107070900	.032	.057	.40	1.85	.011	.040	.17	1.84	3.	225.	.005	.017	.023	4.2	215.
8107071000	.030	.062	.40	1.83	.010	.034	.22	1.78	3.	215.	.005	.010	.035	3.0	225.
8107071100	.025	.062	.35	1.76	.015	.046	.18	1.73	5.	220.	.005	.005	.055	2.5	250.
8107071200	.015	.042	9999	9999	.005	.025	.18	1.72	6.	230.	.005	.005	.059	4.2	240.
8107071300	9999	9999	.35	1.72	.005	.031	.17	1.67	5.	230.	.005	.005	.062	6.0	220.
8107071400	9999	9999	.30	1.73	.005	.042	.17	1.67	4.	225.	.005	.012	.067	5.0	245.
8107071500	.005	.017	.30	1.68	.005	.020	.16	1.67	4.	260.	.005	.010	.073	3.9	240.
8107071600	.005	.015	.25	1.69	9999	9999	9999	9999	5.	270.	.005	.012	.060	3.4	220.
8107071700	.005	.025	.25	1.72	9999	9999	.02	1.60	5.	255.	.005	.005	.055	2.8	225.
8107071800	.005	.045	.20	1.70	9999	9999	.02	1.60	4.	265.	.005	.015	.040	3.2	190.
8107071900	.005	.020	.30	1.76	9999	9999	.02	1.68	3.	260.	.005	.030	.016	2.9	170.
8107072000	.005	.025	.40	1.86	9999	9999	.02	1.73	2.	250.	.030	.068	.002	1.4	150.
8107072100	.005	.040	.45	2.10	9999	9999	.30	2.15	1.	245.	.093	.120	.002	8888	8888
8107072200	.005	.040	.50	2.17	9999	9999	.42	2.20	2.	240.	9999	9999	9999	1.0	270.
8107072300	.005	.050	.55	2.28	9999	9999	.34	2.75	1.	235.	9999	9999	9999	8888	8888
8107080000	.010	.060	.60	2.41	9999	9999	.41	2.80	1.	180.	9999	9999	9999	.8	230.
8107080100	.012	.057	.55	2.72	9999	9999	.55	2.70	1.	70.	.055	.060	.002	8888	8888
8107080200	.026	.067	.65	3.75	9999	9999	.51	2.50	8888	8888	.058	.070	.002	8888	8888
8107080300	.032	.064	.75	3.74	9999	9999	.50	2.70	8888	8888	.040	.055	.002	8888	8888
8107080400	.032	.055	.70	3.25	9999	9999	.52	2.94	1.	125.	.057	.070	.002	8888	8888
8107080500	.040	.065	.70	3.23	9999	9999	.52	3.00	1.	90.	.125	.140	.002	8888	8888
8107080600	.074	.095	.75	2.95	9999	9999	.66	3.20	1.	125.	.090	.125	.002	1.2	260.
8107080700	.062	.105	.80	2.38	9999	9999	.36	2.50	2.	180.	.025	.035	.008	2.2	210.
8107080800	.015	.037	.40	1.91	9999	9999	.29	1.85	3.	250.	.005	.015	.022	2.3	210.
8107080900	.012	.035	.35	9999	9999	9999	.17	1.62	6.	250.	.005	.017	.031	4.7	250.
8107081000	.010	.030	.30	9999	9999	9999	.17	1.60	7.	260	.005	.012	.041	7.0	250.
8107081100	.012	.037	.30	9999	9999	9999	.17	1.65	6.	265.	.005	.020	.047	5.8	280.
8107081200	.005	.017	.30	9999	9999	9999	9999	9999	6.	270.	.005	.010	.058	5.1	290.
8107081300	.010	.030	.25	9999	9999	9999	.02	1.53	6.	260.	.005	.012	.056	7.0	265.
8107081400	.005	.025	.25	9999	9999	9999	.02	1.54	5.	265.	.005	.010	.050	6.0	270.
8107081500	9999	9999	9999	1.63	9999	9999	.02	1.56	6.	260.	.005	.011	.048	6.2	270.
8107081600	.005	.010	.15	1.59	9999	9999	.02	1.55	6.	260.	.005	.010	.050	6.2	250.
8107081700	.005	.011	.23	1.62	9999	9999	.02	1.55	5.	255.	.005	.010	.052	4.5	245.
8107081800	.005	.016	.20	1.65	9999	9999	.02	1.54	4.	260.	9999	9999	9999	4.8	245.
8107081900	.005	.015	.25	1.68	9999	9999	.02	1.55	4.	255.	.010	.055	.018	3.0	270.
8107082000	.005	.023	.35	1.74	9999	9999	.02	1.57	3.	255.	.037	.085	.002	2.4	260.
8107082100	.018	.070	.55	2.30	9999	9999	.02	1.63	2.	260.	.070	.105	.002	.9	265.
8107082200	.005	.047	.40	2.46	9999	9999	.02	1.63	2.	245.	.070	.105	.002	8888	8888
8107082300	.005	.040	.48	2.10	9999	9999	.25	2.20	2.	225.	.040	.070	.002	8888	8888

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY----------*						*-----RODY ELEMENTRY SCHOOL-----*				
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107090000	.005	.035	.40	2.01	9999	9999	.25	2.30	2.	230.	.075	.105	.002	8888	8888
8107090100	.005	.032	.48	2.18	9999	9999	.45	2.55	1.	225.	.082	.105	.002	8888	8888
8107090200	.005	.034	.52	2.65	9999	9999	.50	2.45	1.	188.	.020	.040	.002	8888	8888
8107090300	.016	.050	.47	2.65	9999	9999	.40	2.38	1.	160.	.010	.025	.002	1.0	120.
8107090400	.023	.054	.49	2.70	9999	9999	.50	2.72	8888	8888	.005	.012	.002	.8	130.
8107090500	.034	.068	.68	2.78	9999	9999	.65	2.58	8888	8888	.005	.017	.002	8888	8888
8107090600	.023	.050	.70	2.28	9999	9999	.30	1.95	1.	220.	.105	.115	.002	1.0	210.
8107090700	.016	.036	.49	1.85	9999	9999	.20	1.70	3.	245.	.010	.052	.012	2.8	220.
8107090800	.014	.030	.40	1.73	9999	9999	.18	1.58	5.	270.	.005	.020	.030	5.0	275.
8107090900	.012	.028	.30	1.70	9999	9999	.20	1.58	6.	270.	.005	.015	.035	6.0	295.
8107091000	.005	.021	.35	1.62	9999	9999	.17	1.55	6.	290.	.005	.005	.037	6.3	305.
8107091100	.010	.024	.25	1.60	9999	9999	.05	1.53	6.	280.	.005	.018	.039	6.7	295.
8107091200	.012	.032	.25	1.60	9999	9999	.05	1.53	7.	270.	.005	.019	.048	7.0	300.
8107091300	.010	.025	.25	1.61	9999	9999	.05	1.51	7.	265.	.005	.019	.053	6.8	285.
8107091400	.005	.013	.28	1.60	9999	9999	.02	1.52	7.	255.	.005	.005	.054	7.5	270.
8107091500	.005	.015	9999	9999	9999	9999	.02	1.51	7.	255.	.005	.005	.055	8.1	265.
8107091600	9999	9999	.45	1.70	9999	9999	.02	1.51	6.	250.	.005	.005	.053	7.7	260.
8107091700	.005	.012	.47	1.68	9999	9999	.02	1.51	7.	260.	.005	.012	.052	7.0	255.
8107091800	.005	.019	.47	1.73	9999	9999	.02	1.53	5.	255.	.005	.017	.047	5.6	260.
8107091900	.005	.021	.43	1.70	9999	9999	.02	1.55	6.	250.	9999	9999	9999	5.0	260.
8107092000	.010	.050	.55	2.03	9999	9999	.02	1.59	3.	255.	.005	.047	.008	3.2	270.
8107092100	.005	.022	.42	1.81	9999	9999	9999	9999	3.	265.	.013	.055	.006	1.9	275.
8107092200	.005	.038	.63	2.20	9999	9999	.02	1.71	2.	245.	.010	.042	.007	3.0	195.
8107092300	.013	.054	.40	1.95	.005	9999	.02	1.81	3.	235.	.015	.050	.002	2.8	205.
8107100000	.010	.032	.37	2.00	.005	.015	.05	1.78	2.	220.	.005	.030	.012	3.2	230.
8107100100	.005	.025	.60	2.25	.005	.017	.05	1.73	2.	245.	.018	.042	.010	3.9	240.
8107100200	.005	.010	.40	2.00	.005	.005	.02	1.72	2.	280.	.005	.030	.010	2.1	205.
8107100300	.005	.016	.35	2.20	.005	.005	.15	1.75	2.	185.	.015	.040	.002	2.4	250.
8107100400	.011	.028	.50	1.88	.005	.018	.10	1.85	2.	250.	.035	.060	.002	1.8	250.
8107100500	.019	.055	.78	2.45	.005	.020	.02	1.77	1.	255.	.028	.050	.002	1.5	215.
8107100600	.038	.068	.60	2.00	.015	.045	.25	1.83	8888	8888	.039	.062	.002	8888	8888
8107100700	.030	.059	.80	1.85	.005	.018	.19	1.73	3.	10.	.005	.028	.015	1.2	295.
8107100800	.015	.028	.50	1.78	.005	.005	.05	1.70	4.	360.	.005	.019	.030	3.3	25.
8107100900	.013	.025	.35	1.77	.005	.005	.02	1.73	4.	360.	.005	.023	.053	4.8	15.
8107101000	.011	.017	.30	1.73	.005	.005	.02	1.70	3.	15.	.005	.016	.085	4.2	35.
8107101100	.005	.021	.32	1.74	.005	.005	.02	1.72	5.	360.	.005	.012	.105	4.0	15.
8107101200	.005	.029	.48	1.77	.005	.005	.02	1.73	5.	350.	.005	.015	.108	5.6	325.
8107101300	.005	.020	.40	1.77	.005	.005	.02	1.70	6.	5.	.005	.015	.087	6.8	5.
8107101400	.005	.016	.48	1.75	.005	.005	.02	1.73	7.	360.	.005	.005	.090	6.6	30.
8107101500	.005	.023	.48	1.72	.005	.005	.02	1.70	6.	345.	.005	.017	.077	8.0	360.
8107101600	.005	.020	.60	1.72	.005	.005	.05	1.70	7.	340.	.005	.017	.069	7.6	345.
8107101700	.005	.017	.50	1.72	.005	.005	.02	1.68	6.	355.	.005	.016	.061	7.9	10.
8107101800	.005	.014	.30	1.70	.005	.005	.02	1.67	5.	5.	.005	.021	.057	6.3	20.
8107101900	.005	.022	.28	1.74	.005	.005	.02	1.70	4.	10.	.005	.037	.040	3.0	30.
8107102000	.005	.037	.38	1.83	.005	.005	.02	1.68	2.	5.	.070	.125	.002	1.0	360.
8107102100	.010	.040	.32	1.90	.005	.005	.02	1.68	3.	5.	.050	.095	.002	8888	8888
8107102200	.014	.049	.44	1.98	.005	9999	9999	1.70	3.	10.	.005	.033	.006	1.2	115.
8107102300	.005	.055	.44	2.08	.005	.005	.02	1.72	2.	5.	.019	.058	.002	1.4	45.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107110000	9999	9999	9999	9999	.005	.005	.02	1.70	2.	5.	.005	.042	.015	3.6	35.
8107110100	.005	.024	.20	2.17	.005	.005	.02	1.70	3.	5.	.005	.024	.009	2.2	45.
8107110200	.010	.021	.25	1.94	.005	.005	.02	1.68	2.	5.	.005	.021	.016	2.0	40.
8107110300	.010	.023	.30	2.00	.005	.005	.02	1.69	3.	10.	.005	.013	.023	2.2	50.
8107110400	.005	.021	.75	1.90	.005	.005	.02	1.69	3.	5.	.005	.027	.012	2.8	60.
8107110500	.005	.027	.25	1.95	.005	.005	.02	1.70	3.	15.	.005	.018	.015	2.2	45.
8107110600	.005	.022	.25	1.85	.005	.005	.02	1.68	1.	295.	.005	.025	.010	1.9	45.
8107110700	.005	.026	.23	1.78	.005	.010	.02	1.68	2.	25.	.005	.005	.025	2.0	40.
8107110800	.005	.019	.23	1.72	9999	9999	.02	1.63	3.	45.	.005	.005	.037	3.8	60.
8107110900	.005	.015	.23	1.70	9999	9999	9999	9999	4.	40.	.005	.005	.045	4.7	85.
8107111000	.005	.013	.20	1.67	9999	9999	.02	1.63	5.	45.	.005	.005	.058	4.1	75.
8107111100	.005	.015	.18	1.65	9999	9999	.02	1.65	4.	105.	.005	.005	.075	4.9	115.
8107111200	.005	.013	.20	1.64	.005	.005	.02	1.62	4.	90.	.005	.005	.082	3.1	120.
8107111300	9999	9999	.18	1.66	.005	.005	.02	1.63	3.	75.	.005	.005	.087	3.8	145.
8107111400	9999	9999	9999	9999	.005	.005	.02	1.65	3.	80.	.005	.005	.088	2.3	160.
8107111500	9999	9999	.20	1.65	.005	.005	.02	1.68	3.	75.	.005	.005	.089	3.2	180.
8107111600	9999	9999	.20	1.66	.005	.005	.02	1.60	4.	80.	.005	.005	.087	3.5	85
8107111700	.005	.016	.20	1.65	.005	.005	.02	1.62	3.	95.	.005	.005	.085	3.3	110.
8107111800	.005	.020	.23	1.70	.005	.005	.02	1.67	3.	70.	.005	.005	.082	3.4	120.
8107111900	.005	.039	.25	1.75	.005	.011	.02	1.67	4.	55.	.005	.022	.043	2.0	95.
8107112000	.005	.037	.24	1.80	.005	.018	.02	1.68	2.	65.	9999	9999	9999	1.2	100.
8107112100	.005	.035	.29	1.85	.005	.022	.02	1.68	2.	70.	.072	.079	.012	1.1	85.
8107112200	.005	.039	.30	1.83	.005	.020	.02	1.75	1.	35.	.084	9999	.002	.9	340.
8107112300	.005	.041	.30	1.89	.005	.016	.02	1.77	1.	355.	.020	9999	.002	1.4	60.
8107120000	.005	.038	.35	2.18	.005	.020	.02	1.70	8888	8888	.025	9999	.002	8888	8888
8107120100	.005	.040	.33	2.30	.005	.026	.02	1.75	8888	8888	.053	9999	.002	1.0	50.
8107120200	.005	.023	.28	2.05	.005	.028	.02	1.75	8888	8888	.011	9999	.002	8888	8888
8107120300	.010	.035	.40	2.40	.005	.032	.11	1.95	1.	35.	.025	9999	9999	8888	8888
8107120400	.018	.053	.50	3.00	.005	.023	.08	1.95	1.	60.	9999	9999	9999	8888	8888
8107120500	.023	.048	.37	2.50	.005	.016	.02	1.85	2.	35.	9999	9999	9999	8888	8888
8107120600	.018	.042	.38	2.45	.005	.015	.02	1.85	1.	85.	9999	9999	9999	1.2	80.
8107120700	.014	.030	.41	2.60	.005	.010	.02	1.85	1.	65.	9999	9999	.025	.9	135.
8107120800	.011	.031	.44	2.28	.005	.012	.02	1.80	2.	15.	9999	9999	.038	1.4	45.
8107120900	.005	.034	.68	2.25	.005	.016	.02	1.85	2.	355.	9999	9999	.047	2.8	205.
8107121000	.005	.042	.63	2.25	.005	.028	.02	1.75	2.	270.	9999	9999	.068	2.1	280.
8107121100	.005	.028	.30	1.85	.005	.005	.02	1.68	3.	355.	.005	.005	.074	2.9	335.
8107121200	.005	.016	.24	1.70	.005	.005	.02	1.65	4.	315.	.005	9999	9999	3.1	305.
8107121300	.005	.010	.21	1.68	.005	.005	.02	1.66	5.	335.	.005	.005	9999	3.0	320.
8107121400	.005	.012	.18	1.68	.005	.005	.02	1.65	5.	315.	.005	.010	9999	4.1	335.
8107121500	.005	.013	.19	1.67	.005	.005	.02	1.62	4.	285.	.005	.013	.090	4.8	310.
8107121600	.005	.018	.22	1.65	.005	.005	.02	1.62	4.	280.	.005	.011	.087	3.2	315.
8107121700	.005	.025	.19	1.69	.005	.005	.02	1.60	5.	265.	.005	.012	.091	2.6	300.
8107121800	.005	.030	.20	1.73	.005	.010	.02	1.63	3.	275.	.005	.045	.045	2.7	260.
8107121900	.005	.019	.24	1.83	.010	.021	.02	1.68	2.	280.	.027	.087	.002	1.5	305.
8107122000	.005	.033	.49	2.30	.010	.032	.02	1.67	1.	245.	.012	.058	.007	1.0	200.
8107122100	.013	.090	.95	3.00	.011	.041	.07	1.75	8888	8888	.052	.105	.002	8888	8888
8107122200	.042	.110	1.42	4.10	.034	.098	.21	2.00	8888	8888	.022	.067	.002	8888	8888
8107122300	.025	.086	1.25	3.20	.045	.105	.42	2.20	1.	230.	.040	.077	.002	1.5	270.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY----------*						*-----ROBY ELEMENTRY SCHOOL-----*				
YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107130000	.033	.090	.83	2.78	.078	.110	.53	2.80	2.	190.	.033	.058	.002	1.3	260.
8107130100	.023	.078	.51	2.68	.013	.058	.07	2.45	1.	200.	.028	.046	.002	1.8	315.
8107130200	.021	.075	.50	2.98	.030	.080	.23	3.00	1.	185.	.025	.048	.002	2.4	235.
8107130300	.034	.077	.52	3.45	.012	.051	.02	2.50	1.	245.	.029	.045	.002	1.6	275.
8107130400	.050	.092	.58	4.15	.020	.070	.06	2.80	1.	190.	.045	.062	.002	.8	320.
8107130500	.071	.116	.63	4.93	.077	.135	.22	3.55	1.	135.	.053	.078	.002	1.0	285.
8107130600	.065	.120	.75	4.10	.060	.020	.33	3.10	2.	180.	.032	.061	.002	2.0	235.
8107130700	.024	.072	.50	2.10	.005	.052	.06	2.20	3.	235.	.005	.023	.024	3.9	230.
8107130800	.017	.040	.47	1.88	.005	.016	.02	1.65	3.	265.	.005	.018	.031	4.0	240.
8107130900	.019	.052	.48	1.78	.005	.005	.02	1.68	5.	270.	.012	.052	.022	5.9	285.
8107131000	.016	.037	.27	1.70	.005	.005	.02	1.70	7.	280.	.005	.041	.035	6.8	280.
8107131100	.005	.022	.29	1.68	.005	.005	.02	1.58	6.	280.	.005	.025	.052	7.0	255.
8107131200	.005	.024	.26	1.63	.005	.005	.02	1.58	8.	275.	.005	.017	.063	8.1	290.
8107131300	.005	.015	.25	1.62	.005	.005	9999	9999	8.	270.	.005	.012	.068	9.2	275.
8107131400	.005	.012	.24	1.64	.005	.005	9999	9999	8.	265.	9999	9999	9999	9.8	265.
8107131500	.005	.014	.25	1.64	.005	.018	9999	9999	9.	260.	.005	.005	.077	9.6	255.
8107131600	.005	.015	.25	1.64	.005	.020	9999	9999	8.	260.	.005	.005	.080	8.2	260.
8107131700	.005	.013	.26	1.65	.005	.020	9999	9999	8.	255.	.005	.005	.076	6.9	255.
8107131800	.005	.023	.25	1.78	.005	.020	9999	9999	6.	255.	.005	.015	.071	4.8	255.
8107131900	.005	.031	.26	1.85	.005	.028	9999	9999	5.	250.	.005	.028	.050	3.6	250.
8107132000	.005	.033	.24	1.78	.005	.020	9999	9999	3.	245.	.005	.032	.026	3.3	240.
8107132100	.005	.047	.30	1.81	.005	.022	9999	9999	3.	240.	.005	.030	.020	3.9	220.
8107132200	.005	.044	.28	1.82	.005	.021	.18	1.82	4.	245.	.005	.019	.028	5.1	230.
8107132300	.005	.019	9999	9999	.005	.012	.02	1.74	5.	250.	.005	.023	.025	4.9	220.
8107140000	.005	.017	.23	1.80	.005	.010	.02	1.71	5.	255.	.005	.025	.016	4.4	220.
8107140100	.005	.010	.27	1.80	.005	.012	.02	1.68	6.	260.	.005	.024	.019	5.1	210.
8107140200	.005	.005	.18	1.78	.005	.005	.02	1.68	5.	270.	.005	.022	.019	4.9	220.
8107140300	.005	.012	.12	1.77	.005	.005	.02	1.67	4.	275.	.005	.028	.015	3.8	255.
8107140400	.005	.016	.18	1.80	.005	.012	.02	1.72	2.	280.	.005	.030	.014	4.7	265.
8107140500	.005	.025	.30	1.80	.005	.015	.02	1.70	2.	270.	.005	.028	.014	4.4	260.
8107140600	.010	.034	.35	1.81	.005	.032	.18	1.72	2.	275.	.012	.047	.005	3.1	280.
8107140700	.019	.042	.48	1.77	.005	.025	.20	1.74	3.	295.	.010	.030	.012	4.0	300.
8107140800	.010	.027	.48	1.68	.005	.016	.02	1.71	4.	15.	.005	.018	.025	3.7	320.
8107140900	.010	.017	.32	1.68	.005	.015	.05	1.70	3.	10.	.005	.010	.039	2.9	275.
8107141000	.005	.018	.32	1.64	.005	.012	.02	1.70	4.	15.	.005	.011	.051	2.1	245.
8107141100	.005	.019	.28	1.64	.005	.005	.02	1.72	3.	310.	.005	.010	.067	3.0	360.
8107141200	.005	.019	.23	1.65	.005	.005	.02	1.68	4.	25.	.005	.012	.059	5.4	305.
8107141300	.005	.016	.32	1.61	.005	.005	.02	1.67	3.	20.	.005	.035	.040	6.2	285.
8107141400	.005	.014	.28	1.61	.005	.005	.02	1.68	4.	25.	9999	9999	9999	8.4	30.
8107141500	.005	.035	.28	1.61	.005	.022	.02	1.69	6.	35.	.005	.015	.039	9.2	270.
8107141600	.005	.034	.23	1.60	.005	.026	.02	1.69	7.	55.	.005	.014	.040	3.1	285.
8107141700	9999	9999	9999	9999	.005	.021	.02	1.68	8.	65.	.005	.013	.040	3.3	240.
8107141800	9999	9999	9999	9999	.005	.027	.02	1.68	7.	75.	.005	.018	.032	2.9	250.
8107141900	.005	.029	9999	9999	.005	.033	.05	1.68	6.	80.	.005	.035	.011	2.5	215.
8107142000	.005	.028	.32	1.85	.005	.041	.20	1.73	4.	175.	.005	.030	.010	3.2	255.
8107142100	.005	.028	.28	1.77	.005	.030	.15	2.08	2.	245.	.010	.029	.005	3.1	270.
8107142200	.005	.027	.42	1.87	9999	9999	.03	1.75	1.	255.	.005	.020	.011	1.3	165.
8107142300	.005	.027	.38	1.92	.005	.026	.08	1.78	3.	265.	.005	.013	.005	1.9	120.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107150000	9999	9999	.30	2.00	.005	.019	.31	1.94	1.	70.	.038	.047	.002	8888	8888
8107150100	9999	9999	.35	2.05	.005	.029	.25	2.06	2.	65.	.047	.065	.002	1.1	285.
8107150200	9999	9999	.38	2.15	.005	.033	.19	2.00	1.	70.	.010	.027	.002	2.7	55.
8107150300	9999	9999	.10	1.92	.005	.034	.13	1.88	2.	75.	.005	.016	.002	2.1	85.
8107150400	9999	9999	.13	1.85	.005	.030	.02	1.78	3.	65.	.005	.005	.002	1.7	90.
8107150500	9999	9999	.14	1.80	.005	.032	.02	1.75	3.	60.	.005	.005	.010	2.4	75.
8107150600	9999	9999	.20	1.65	.005	.029	.12	1.75	3.	65.	.005	.012	.013	3.2	75.
8107150700	9999	9999	.18	1.76	.005	.023	.02	1.73	4.	80.	.005	.010	.017	3.7	90.
8107150800	9999	9999	.16	1.74	.005	.015	.14	1.70	4.	90.	.005	.005	.019	5.1	90.
8107150900	9999	9999	.10	1.75	.005	.016	.16	1.73	4.	105.	.005	.005	.025	6.7	105.
8107151000	9999	9999	.14	1.70	.005	.015	.15	1.71	5.	100.	.005	.005	.033	6.2	115.
8107151100	9999	9999	.10	1.68	.005	.018	.12	1.71	5.	100.	.005	.005	.042	6.0	120.
8107151200	9999	9999	.09	1.69	.005	.023	.11	1.69	4.	130.	.005	.005	.047	4.8	130.
8107151300	9999	9999	.10	1.69	.005	.025	.15	1.73	4.	120.	.005	.005	.049	4.7	150.
8107151400	9999	9999	.10	1.68	.005	.023	.02	1.74	5.	145.	.005	.005	.052	4.3	155.
8107151500	9999	9999	.12	1.68	.005	.023	.02	1.72	7.	85.	.005	.011	.051	8.9	210.
8107151600	9999	9999	9999	9999	.005	.022	.12	1.70	3.	100.	.005	.018	.041	4.1	45.
8107151700	9999	9999	.16	1.73	.005	.021	.20	1.73	2.	115.	.005	.013	.050	5.5	135.
8107151800	.005	.022	.23	1.75	.005	.013	.22	1.74	2.	130.	.005	.025	.039	2.2	105.
8107151900	.005	.024	.17	1.75	.005	.012	.14	1.73	2.	110.	.005	.017	.033	1.6	90.
8107152000	.005	.023	.20	1.79	.005	.016	.19	1.74	1.	135.	.010	.018	9999	1.4	135.
8107152100	.005	.024	.22	1.79	.005	.037	.21	1.76	2.	65.	.010	.029	.002	1.9	120.
8107152200	.005	.019	.13	1.85	.005	.043	.24	1.76	2.	60.	.042	.071	.002	1.5	75.
8107152300	.005	.030	.30	2.15	.005	.038	.12	1.76	1.	45.	.030	.056	.002	8888	8888
8107160000	.005	.038	.43	2.25	.005	.032	.19	1.81	2.	275.	.029	.035	.002	1.1	90.
8107160100	.005	.040	.33	2.35	.023	.053	.21	2.11	1.	285.	.038	.047	.002	8888	8888
8107160200	.010	.042	.49	2.45	.019	.048	.33	2.38	8888	8888	.014	.028	.002	8888	8888
8107160300	.005	.035	.52	2.45	.005	.042	.48	2.59	8888	8888	.043	.051	.002	8888	8888
8107160400	.005	.028	.47	2.20	.005	.033	.27	2.18	8888	8888	.040	.054	.002	1.4	80.
8107160500	.005	.027	.23	1.75	.005	.028	.13	1.94	4.	25.	.053	.069	.002	1.9	135.
8107160600	.029	.051	.40	2.05	.005	.023	.12	1.81	4.	20.	.034	.041	.002	3.8	225.
8107160700	.033	.062	.52	1.80	.005	.018	.10	1.93	3.	10.	.011	.022	.008	3.1	235.
8107160800	.010	.028	.24	1.64	.005	.016	.11	1.74	4.	295.	.005	.019	.012	3.8	310.
8107160900	.005	.025	.27	1.70	.005	.017	.14	1.79	2.	30.	.005	.015	.021	2.9	280.
8107161000	.005	.036	.49	1.72	.005	.015	.12	1.76	2.	15.	.005	.011	.032	2.5	300.
8107161100	.005	.022	.32	1.72	.005	.011	.16	1.76	2.	295.	.005	.005	.051	2.8	300.
8107161200	.005	.037	.30	1.72	.005	.014	.13	1.77	2.	280.	.005	.014	.043	4.0	300.
8107161300	.005	.021	.27	1.70	.005	.010	.06	1.68	3	265.	.005	.022	.033	3.1	315.
8107161400	.005	.025	.25	1.65	.005	.005	.02	1.66	3.	320.	.005	.016	.042	3.8	305.
8107161500	.005	.017	.18	1.62	.005	.005	.07	1.69	3.	290.	.005	.010	.053	5.2	280.
8107161600	9999	9999	9999	9999	.005	.005	.02	1.73	3.	300.	.005	.012	.055	4.8	290.
8107161700	.005	.018	.03	1.65	.005	.005	.10	1.74	4.	315.	.005	.022	.042	3.5	300.
8107161800	.005	.010	.03	1.63	.005	.005	.04	1.66	3.	345.	.005	.034	.029	4.4	285.
8107161900	.005	.014	.02	1.68	.005	.014	.11	1.63	3.	340.	.010	.040	.020	2.3	265.
8107162000	.005	.022	.28	1.70	9999	9999	.18	1.62	2.	360.	.015	.059	.002	1.2	245.
8107162100	.005	.018	.19	1.70	9999	9999	.24	1.70	1.	70.	.065	.095	.002	1.2	195.
8107162200	.005	.020	.26	1.75	9999	9999	.31	1.77	1.	55.	.068	.092	.002	1.0	320.
8107162300	.013	.052	.33	2.00	9999	9999	.26	1.74	2.	45.	.052	.063	.002	8888	8888

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 9
DATE 10/08/81.
TIME 12.03.32.

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY-----------*						*-----ROBY ELEMENTRY SCHOOL------*				
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107170000	.010	.042	.42	2.10	9999	9999	.05	1.74	3.	20.	.042	.062	.002	1.0	45.
8107170100	.005	.021	.38	1.85	9999	9999	.05	1.77	2.	20.	.045	.066	.002	1.7	120.
8107170200	.005	.013	.12	1.95	9999	9999	.02	1.73	3.	25.	.030	.052	.002	1.2	180.
8107170300	.005	.015	.18	1.90	9999	9999	.02	1.70	3	30	.040	.070	.002	1.0	180.
8107170400	.005	.012	.23	1.93	9999	9999	.02	1.80	2.	15.	.053	.062	.002	8888	8888
8107170500	.005	.027	.25	2.00	9999	9999	.02	1.72	2.	35.	.028	.037	.002	1.1	50.
8107170600	.018	.052	.29	2.02	9999	9999	.09	1.76	2.	60.	.040	.058	.002	2.6	100.
8107170700	.015	.048	.33	1.90	9999	9999	.02	1.76	3.	60.	.005	.005	.014	2.7	65.
8107170800	.005	.037	.27	1.90	9999	9999	.09	1.76	3.	75.	.005	.005	.023	3.1	80.
8107170900	.005	.024	.35	1.82	9999	9999	.09	1.78	2.	130.	.005	.005	.028	2.2	75.
8107171000	.005	.016	.20	1.78	9999	9999	.09	1.76	3.	95.	.005	.005	.037	3.8	120.
8107171100	.005	.010	.18	1.72	9999	9999	.10	1.73	3.	125.	.005	.010	.042	4.4	210.
8107171200	.005	.010	.10	1.70	9999	9999	.02	1.71	3.	45.	.005	.011	.048	5.0	150.
8107171300	.005	.029	.30	1.82	9999	9999	.02	1.72	3.	55.	.005	.005	.055	5.8	60.
8107171400	.005	.041	.43	1.79	9999	9999	.02	1.73	3.	80.	.005	.005	.058	4.4	85.
8107171500	.005	.020	.21	1.70	9999	9999	.02	1.72	5.	85.	.005	.005	.067	5.1	100.
8107171600	.005	.018	.08	1.75	9999	9999	.02	1.72	4.	100.	9999	9999	.075	5.0	115.
8107171700	.005	.015	.06	1.77	9999	9999	.02	1.72	3.	90.	.005	.005	.066	3.8	150.
8107171800	.005	.014	.09	1.79	9999	9999	.02	1.71	3.	105.	.005	.010	.057	3.1	150.
8107171900	.005	.023	.17	1.83	.005	.032	.02	1.73	2.	95.	.005	.022	.033	1.5	220.
8107172000	.005	.032	.42	1.98	.005	.060	.12	1.76	2.	70.	.011	.048	.002	1.0	60.
8107172100	.013	.068	.56	2.05	.005	.055	.23	1.81	2.	60.	.005	.024	.007	8888	8888
8107172200	.030	.071	.51	2.08	.005	.037	.24	1.80	2.	50.	.041	.067	.002	8888	8888
8107172300	.005	.050	.26	1.97	9999	9999	.24	1.77	1.	45.	.046	.058	.002	8888	8888
8107180000	.015	.066	.49	2.20	9999	9999	.09	1.76	1.	340.	.022	.047	.002	8888	8888
8107180100	.005	.051	.38	2.60	9999	9999	.10	1.72	8888	8888	.051	.076	.002	.9	330.
8107180200	.005	.023	.18	2.18	.005	.038	.22	1.78	8888	8888	.060	.060	.002	1.4	360.
8107180300	.005	.027	.22	2.26	.022	.044	.17	1.81	1.	15.	.029	.054	.002	1.6	75.
8107180400	.012	.038	.47	2.60	.012	.037	.11	1.79	2.	30.	.021	.040	.002	1.3	60.
8107180500	.010	.042	.38	2.60	.005	.031	.10	1.88	1.	10.	.097	.103	.002	8888	8888
8107180600	.037	.077	.92	2.85	9999	9999	.07	2.02	2.	25.	.078	.115	.002	1.9	90.
8107180700	.019	.053	.46	2.40	9999	9999	.06	1.81	2.	40.	.018	.037	.014	2.1	125.
8107180800	.005	.036	.33	2.15	9999	9999	.08	1.80	2.	55.	.005	.010	.029	1.2	130.
8107180900	.005	.020	.20	1.92	9999	9999	.10	1.82	2.	125.	.005	.015	.045	2.4	360.
8107181000	.005	.012	.17	1.77	9999	9999	.10	1.77	3.	95.	.005	.005	.072	3.5	100.
8107181100	.005	.005	.17	1.72	9999	9999	.02	1.74	4.	90.	.005	.005	.081	3.0	65.
8107181200	.005	.005	.07	1.68	9999	9999	.02	1.75	3.	75.	.005	.005	.080	3.6	15.
8107181300	.005	.005	.03	1.67	.005	.005	.02	1.73	3.	95.	.005	.005	.084	3.4	175.
8107181400	.005	.011	.10	1.65	.005	.010	.02	1.74	3.	75.	.005	.005	.087	2.3	160.
8107181500	.005	.014	.12	1.65	.005	.010	.02	1.74	4.	60.	.005	.005	.068	2.7	145.
8107181600	.005	.011	.03	1.65	.005	.010	.02	1.73	3.	85.	.005	.005	.089	3.0	135.
8107181700	.005	.014	.04	1.67	.005	.011	.02	1.70	4.	60.	.005	.005	.087	2.7	160.
8107181800	.005	.019	.09	1.68	.005	.014	.02	1.68	3.	65.	.005	.005	.081	1.8	180.
8107181900	9999	9999	9999	9999	.005	.028	.11	1.72	2.	70.	.027	.071	.022	1.3	280.
8107182000	9999	9999	9999	9999	.005	.033	.16	1.75	2.	65.	.035	.065	.002	8888	8888
8107182100	9999	9999	.70	2.65	.005	.060	.21	1.81	1.	70.	.054	.097	.002	8888	8888
8107182200	9999	9999	1.00	2.85	.018	.082	.25	2.07	1.	70.	.060	.090	.002	1.2	125.
8107182300	.018	.082	.68	2.65	.024	.088	.27	2.13	1.	65.	.032	.061	.002	1.4	310.

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
81071700000	.010	.042	.42	2.10	9999	9999	.05	1.74	3.	20.	.042	.062	.002	1.0	45.
81071700100	.005	.021	.38	1.85	9999	9999	.05	1.77	2.	20.	.045	.066	.002	1.7	120.
8107170200	.005	.013	.12	1.95	9999	9999	.02	1.73	3.	25.	.030	.052	.002	1.2	180.
8107170300	.005	.015	.18	1.90	9999	9999	.02	1.70	3	30	.040	.070	.002	1.0	180.
8107170400	.005	.012	.23	1.93	9999	9999	.02	1.80	2.	15.	.053	.062	.002	8888	8888
8107170500	.005	.027	.25	2.00	9999	9999	.02	1.72	2.	35.	.028	.037	.002	1.1	50.
8107170600	.018	.052	.29	2.02	9999	9999	.09	1.76	2.	60.	.040	.058	.002	2.6	100.
8107170700	.015	.048	.33	1.90	9999	9999	.02	1.76	3.	60.	.005	.005	.014	2.7	65.
8107170800	.005	.037	.27	1.90	9999	9999	.09	1.76	3.	75.	.005	.005	.023	3.1	80.
8107170900	.005	.024	.35	1.82	9999	9999	.09	1.76	2.	130.	.005	.005	.028	2.2	75.
8107171000	.005	.016	.20	1.78	9999	9999	.09	1.76	3.	95.	.005	.005	.037	3.8	120.
8107171100	.005	.010	.18	1.72	9999	9999	.10	1.73	3.	125.	.005	.010	.042	4.4	210.
8107171200	.005	.010	.10	1.70	9999	9999	.02	1.71	3.	45.	.005	.011	.048	5.0	150.
8107171300	.005	.029	.30	1.82	9999	9999	.02	1.72	3.	55.	.005	.005	.055	5.8	60.
8107171400	.005	.041	.43	1.79	9999	9999	.02	1.73	3.	80.	.005	.005	.058	4.4	85.
8107171500	.005	.020	.21	1.70	9999	9999	.02	1.72	5.	85.	.005	.005	.067	5.1	100.
8107171600	.005	.018	.08	1.75	9999	9999	.02	1.72	4.	100.	9999	9999	.075	5.0	115.
8107171700	.005	.015	.06	1.77	9999	9999	.02	1.72	3.	90.	.005	.005	.066	3.8	150.
8107171800	.005	.014	.09	1.79	9999	9999	.02	1.71	3.	105.	.005	.010	.057	3.1	150.
8107171900	.005	.023	.17	1.83	.005	.032	.02	1.73	2.	95.	.005	.022	.033	1.5	220.
8107172000	.005	.032	.42	1.98	.005	.060	.12	1.76	2.	70.	.011	.048	.002	1.0	60.
8107172100	.013	.068	.56	2.05	.005	.055	.23	1.81	2.	60.	.005	.024	.007	8888	8888
8107172200	.030	.071	.51	2.08	.005	.037	.24	1.80	2.	50.	.041	.067	.002	8888	8888
8107172300	.005	.050	.26	1.97	9999	9999	.24	1.77	1.	45.	.046	.058	.002	8888	8888
8107180000	.015	.066	.49	2.20	9999	9999	.09	1.76	1.	340.	.022	.047	.002	8888	8888
8107180100	.005	.051	.38	2.60	9999	9999	.10	1.72	8888	8888	.051	.076	.002	.9	330.
8107180200	.005	.023	.18	2.18	.005	.038	.22	1.78	8888	8888	.060	.050	.002	1.4	360.
8107180300	.005	.027	.22	2.26	.022	.044	.17	1.81	1.	15.	.029	.054	.002	1.6	75.
8107180400	.012	.038	.47	2.60	.012	.037	.11	1.79	2.	30.	.021	.040	.002	1.3	60.
8107180500	.010	.042	.38	2.60	.005	.031	.10	1.88	1.	10.	.097	.103	.002	8888	8888
8107180600	.037	.077	.92	2.85	9999	9999	.07	2.02	2.	25.	.078	.115	.002	1.9	90.
8107180700	.019	.053	.46	2.40	9999	9999	.06	1.81	2.	40.	.018	.037	.014	2.1	125.
8107180800	.005	.036	.33	2.15	9999	9999	.08	1.80	2.	55.	.005	.010	.029	1.2	130.
8107180900	.005	.020	.20	1.92	9999	9999	.10	1.82	2.	125.	.005	.015	.045	2.4	360.
8107181000	.005	.012	.17	1.77	9999	9999	.10	1.77	3.	95.	.005	.005	.072	3.5	100.
8107181100	.005	.005	.17	1.72	9999	9999	.02	1.74	4.	90.	.005	.005	.081	3.0	65.
8107181200	.005	.005	.07	1.68	9999	9999	.02	1.75	3.	75.	.005	.005	.080	3.6	15.
8107181300	.005	.005	.03	1.67	.005	.005	.02	1.73	3.	95.	.005	.005	.084	3.4	175.
8107181400	.005	.011	.10	1.65	.005	.010	.02	1.74	3.	75.	.005	.005	.087	2.3	160.
8107181500	.005	.014	.12	1.65	.005	.010	.02	1.74	4.	60.	.005	.005	.088	2.7	145
8107181600	.005	.011	.03	1.65	.005	.010	.02	1.73	3.	85.	.005	.005	.089	3.0	135.
8107181700	.005	.014	.04	1.67	.005	.011	.02	1.70	4.	60.	.005	.005	.087	2.7	160.
8107181800	.005	.019	.09	1.68	.005	.014	.02	1.68	3.	65.	.005	.005	.081	1.8	180.
8107181900	9999	9999	9999	9999	.005	.028	.11	1.72	2.	70.	.027	.071	.022	1.3	280.
8107182000	9999	9999	9999	9999	.005	.033	.16	1.75	2.	65.	.035	.065	.002	8888	8888
8107182100	9999	9999	.70	2.65	.005	.060	.21	1.81	1.	70.	.054	.097	.002	8888	8888
8107182200	9999	9999	1.00	2.85	.018	.082	.25	2.07	1.	70.	.060	.090	.002	1.2	125.
8107182300	.018	.082	.68	2.65	.024	.088	.27	2.13	1.	65.	.032	.061	.002	1.4	310.

HOURLY DATA LISTING
SPECIAL STUDY
09091-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY-----------*						*----ROBY ELEMENTRY SCHOOL-----*				
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107190000	.005	.058	.52	2.20	.011	.080	.38	2.10	8808	8808	.012	.032	.002	8888	8860
8107190100	.005	.036	.45	2.10	.005	.081	.38	2.28	1.	130.	.011	.030	.012	8888	8888
8107190200	.005	.038	.45	2.25	.020	.076	.39	2.26	8888	8888	.014	.038	.002	8888	8888
8107190300	.005	.040	.45	2.42	.018	.073	.39	2.70	1.	55.	.005	.024	.002	8888	8888
8107190400	.005	.035	.49	2.85	.018	.070	.40	2.50	8888	8868	.029	.039	.002	8888	8888
8107190500	.005	.018	.40	2.50	.005	.037	.30	2.42	2.	150.	.040	.054	.002	1.0	300.
8107190600	.005	.015	.29	2.09	9999	9999	.02	2.30	1.	160.	.012	.022	.002	1.4	295.
8107190700	.005	.014	.28	2.05	9999	9999	.05	2.08	2.	180.	.014	.025	.002	1.3	230.
8107190800	.005	.021	.29	2.42	9999	9999	.15	2.15	3.	190.	.010	.028	.009	3.5	225.
8107190900	.005	.005	.20	1.74	9999	9999	.02	1.70	7.	200.	.005	.010	.031	7.9	195.
8107191000	.005	.017	.20	1.72	9999	9999	.02	1.63	7.	205.	.005	.005	.043	8.7	220.
8107191100	.005	.020	.13	1.75	9999	9999	.02	1.62	8.	210.	.005	.005	.055	8.2	205.
8107191200	.005	.012	.19	1.71	9999	9999	.02	1.65	8.	205.	.005	.005	.066	9.0	195.
8107191300	.005	.005	.18	1.69	9999	9999	.02	1.62	8.	200.	.005	.011	.077	8.2	200.
8107191400	.005	.005	.21	1.68	9999	9999	.02	1.60	7.	210.	.005	.010	.064	7.6	225.
8107191500	9999	9999	.15	1.66	9999	9999	.02	1.57	3.	100.	.005	.024	.036	6.1	195.
8107191600	9999	9999	.18	1.69	9999	9999	.02	1.55	3.	155.	.005	.005	.042	3.3	225.
8107191700	9999	9999	.25	1.80	9999	9999	.02	1.72	2.	160.	.005	.021	.029	3.9	205.
8107191800	9999	9999	.26	1.79	9999	9999	.02	1.73	2.	160.	.005	.025	.022	2.6	185.
8107191900	.005	.024	.25	1.72	9999	9999	.02	1.74	3.	170.	.005	.018	.021	1.8	140.
8107192000	.005	.020	.20	1.69	9999	9999	.02	1.70	3.	175.	.005	.016	.017	2.5	210.
8107192100	.005	.024	.25	1.72	9999	9999	9999	9999	3.	180.	.024	.058	.002	3.1	205.
8107192200	.005	.027	.26	1.85	9999	9999	.02	1.85	3.	180.	.015	.046	.002	3.6	200.
8107192300	.005	.025	.19	1.90	9999	9999	.02	1.80	4.	185.	.005	.016	.021	5.0	210.
8107200000	.005	.011	.15	1.78	9999	9999	.02	1.74	6.	195.	.005	.011	.025	7.8	200.
8107200100	.005	.012	.10	1.79	9999	9999	.02	1.75	2.	200.	.005	.005	.026	7.1	200.
8107200200	.005	.005	.12	1.75	9999	9999	.02	1.75	3.	195.	.005	.005	.026	8.2	195.
8107200300	.005	.014	.15	1.80	9999	9999	.02	1.74	3.	200.	.005	.005	.027	9.1	215.
8107200400	.005	.014	.17	1.73	9999	9999	.02	1.74	4.	210.	.005	.005	.026	10.8	250.
8107200500	.005	.014	.15	1.65	9999	9999	.02	1.70	4.	230.	.005	.005	.034	8.1	245.
8107200600	.005	.024	.20	1.66	9999	9999	.02	1.70	1.	230.	.005	.010	.032	8.4	225.
8107200700	.005	.023	.30	1.65	9999	9999	.02	1.73	8.	235.	.005	.005	.028	7.3	215.
8107200800	.005	.019	.20	1.68	9999	9999	.02	1.73	7.	230.	.005	.005	.027	8.0	225.
8107200900	.005	.027	.20	1.62	9999	9999	.02	1.63	7.	230.	.005	.012	.030	9.1	220.
8107201000	.005	.019	.19	1.60	9999	9999	.02	1.63	8.	235.	.005	.010	.040	10.3	250.
8107201100	.005	.027	.20	1.61	9999	9999	.02	1.67	7.	245.	.005	.005	.052	9.2	260.
8107201200	.005	.013	.20	1.63	9999	9999	.02	1.67	9.	250.	.005	.005	.055	12.0	270.
8107201300	.005	.012	.23	1.62	9999	9999	.02	1.67	9.	260.	.005	.005	.057	10.7	265.
8107201400	.005	.011	.20	1.61	9999	9999	.02	1.66	10.	260.	.005	.005	.060	9.8	250.
8107201500	.005	.012	.22	1.60	9999	9999	9999	9999	9.	265.	.005	.005	.054	10.2	260.
8107201600	.005	.010	.14	1.60	9999	9999	9999	9999	8.	260.	.005	.005	.066	8.4	255.
8107201700	.005	.005	.18	1.62	9999	9999	9999	9999	7.	255.	.005	.010	.063	7.1	255.
8107201800	.005	.030	.13	1.70	9999	9999	9999	9999	7.	245.	.005	.010	.056	5.0	240.
8107201900	.005	.016	.20	1.68	9999	9999	9999	9999	6.	240.	.005	.024	.030	5.7	225.
8107202000	.005	.014	.20	1.64	.005	.020	9999	9999	14.	255.	.005	.018	.040	13.4	260.
8107202100	.005	.020	.12	1.62	.005	.005	9999	9999	4.	260.	.005	.012	.042	5.9	105.
8107202200	.005	.026	.20	1.76	.005	.015	9999	9999	3.	200.	.005	.035	.027	2.8	260.
8107202300	.005	.033	.30	2.00	.005	.026	9999	9999	2.	270.	.005	.028	.009	3.4	235.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107210000	.005	.040	.20	1.90	.005	.025	9999	9999	5.	235.	.005	.012	.017	7.8	255.
8107210100	.005	.035	.15	1.82	.005	.021	9999	9999	6.	245.	.005	.005	.028	7.5	245.
8107210200	.005	.027	.30	1.82	.005	.014	.02	1.58	6.	245.	.005	.005	.025	6.2	245.
8107210300	.005	.035	.25	1.90	.005	.005	.02	1.57	5.	240.	.005	.005	.025	5.6	255.
8107210400	.005	.036	.25	1.85	.005	.011	.02	1.57	3.	240.	.005	.014	.021	6.0	240.
8107210500	.005	.032	.25	1.80	.005	.013	.02	1.57	3.	255.	.010	.029	.011	5.7	225.
8107210600	.005	.029	.30	1.80	.005	.016	.05	1.58	5.	260.	.010	.025	.010	5.3	255.
8107210700	.005	.026	.25	1.78	.005	.015	.04	1.58	6.	265.	.005	.017	.015	6.1	260.
8107210800	.005	.018	.27	1.74	.005	.011	.05	1.60	5.	270.	.005	.015	.016	6.2	260.
8107210900	.005	.020	.29	1.68	.005	.010	.05	1.59	5.	270.	.005	.013	.020	6.0	265.
8107211000	.005	.020	.27	1.66	.005	.005	.08	1.58	5.	255.	.005	.010	.031	6.6	275.
8107211100	.005	.022	.20	1.60	.005	.005	.05	1.57	6.	270.	.005	.005	.045	7.7	285.
8107211200	.005	.028	.22	1.60	.005	.005	.04	1.56	6.	280.	.005	.005	.047	6.3	270.
8107211300	.005	.024	.20	1.61	.005	.005	.08	1.58	8.	300.	.005	.011	.042	6.2	300.
8107211400	.005	.025	.17	1.60	.005	.005	.03	1.59	9.	295.	.005	.016	.041	10.1	310.
8107211500	.005	.021	.20	1.65	.005	.005	.02	1.62	9.	305.	.005	.005	.044	10.0	325.
8107211600	.005	.018	.20	1.62	.005	.005	.02	1.62	8.	310.	.005	.005	.046	10.6	315.
8107211700	.005	.014	.14	1.62	.005	.005	.02	1.58	8.	310.	.005	.010	.040	8.4	320.
8107211800	.005	.011	.13	1.65	.005	.005	.02	1.65	6.	315.	.005	.011	.031	5.8	330.
8107211900	.005	.014	.15	1.64	.005	.005	.02	1.75	5.	320.	.005	.023	.023	5.2	320.
8107212000	.005	.018	.15	1.69	.005	.014	.08	1.70	3.	305.	9999	9999	9999	4.3	330.
8107212100	.005	.020	.28	1.70	.005	.005	.02	1.68	5.	15.	.005	.048	.010	5.1	315.
8107212200	.005	.022	.20	1.67	.005	.012	.03	1.68	5.	10.	.005	.040	.008	5.7	360.
8107212300	.005	.014	.14	1.65	.005	.005	.04	1.74	5.	360.	.005	.024	.015	5.3	10.
8107220000	.005	.011	.20	1.68	.005	.005	.15	1.65	4.	10.	.005	.021	.011	5.9	20
8107220100	.005	.015	.20	1.71	.005	.012	.15	1.65	4.	20.	.005	.018	.014	4.1	25
8107220200	.005	.019	.20	1.70	.005	.005	.20	1.70	4.	15.	.005	.019	.008	3.2	25.
8107220300	.005	.015	.12	1.72	.005	.018	.15	1.70	4.	20.	.005	.014	.009	3.5	20.
8107220400	.005	.021	.20	1.70	.005	.023	.15	1.70	4.	15.	.010	.026	.002	4.2	15.
8107220500	.005	.028	.20	1.70	.005	.021	.15	1.65	4.	20.	.018	.039	.002	3.4	20.
8107220600	.013	.035	.28	1.72	.005	.010	.15	1.65	4.	25.	.011	.031	.002	3.8	15.
8107220700	.011	.028	.40	1.69	.005	.005	.15	1.65	5.	20.	.010	.025	.005	5.0	10.
8107220800	.011	.027	.20	1.67	.005	.010	.15	1.65	4.	25.	.012	.027	.007	3.8	30.
8107220900	.013	.026	.40	1.68	.005	.011	.15	1.65	4.	30.	.005	.021	.015	3.2	25.
8107221000	.005	.018	.19	1.68	.005	.010	.15	1.65	2.	35.	.005	.020	.024	2.6	85.
8107221100	.005	.038	.25	1.70	.005	.011	.20	1.60	3.	50.	.005	.014	.035	3.2	200.
8107221200	.005	.017	.18	1.61	.005	.005	.15	1.60	5.	310.	.005	.005	.056	4.0	20
8107221300	.005	.020	.12	1.60	.005	.005	.15	1.65	5.	30.	.005	.010	.063	4.7	350.
8107221400	.005	.019	.15	1.61	.005	.005	.15	1.70	5.	15.	.005	.011	.072	3.8	360.
8107221500	.005	.018	.17	1.62	.005	.005	.15	1.70	6.	360.	.005	.013	.059	4.7	345
8107221600	.005	.021	.26	1.62	.005	.005	.15	1.70	6.	10.	.005	.012	.071	5.2	15.
8107221700	.005	.013	.18	1.61	.005	.005	.15	1.65	7.	25.	.005	.013	.053	5.4	25
8107221800	.005	.012	.10	1.62	.005	.005	.15	1.65	5.	25.	.005	.016	.037	5.1	25
8107221900	.005	.015	.20	1.68	.005	.005	.15	1.65	4.	20.	.005	.033	.015	5.4	35.
8107222000	.005	.030	.25	1.84	.005	.010	.20	1.65	2.	30.	.005	.038	.012	2.4	80.
8107222100	.005	.028	.40	1.02	.005	.020	.30	1.80	2.	295.	.017	.049	.002	2.2	105.
8107222200	.010	.055	.45	1.86	.005	.041	.40	1.80	1.	35.	.035	.057	.002	8808	8808
8107222300	.010	.053	.55	2.00	.005	.042	.30	1.80	2.	45.	.052	.096	.002	.9	120

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107230000	.005	.040	.30	2.00	.005	.032	.30	1.85	2.	35.	.005	.011	.002	2.0	70.
8107230100	.005	.025	.20	2.00	.005	.015	.15	1.85	2.	20.	.032	.052	.002	1.6	90.
8107230200	.005	.018	.20	1.95	.005	.011	.10	1.80	3.	20.	.040	.054	.002	8888	8888
8107230300	.005	.025	.15	2.00	.005	.013	.15	1.90	1.	15.	.069	.083	.002	8888	8888
8107230400	.005	.020	.20	1.95	.005	.017	.20	1.95	2.	355.	.082	.097	.002	8888	8888
8107230500	.010	.038	.25	1.90	.005	.032	.20	1.85	2.	10.	.125	.138	.002	8888	8888
8107230600	.020	.055	.30	1.85	.015	.038	.25	1.70	2.	20.	.110	.140	.002	2.2	50.
8107230700	.015	.048	.25	1.85	.005	.031	.15	1.70	3.	40.	.010	.024	.014	4.1	80.
8107230800	.005	.025	.15	1.75	.005	.016	.15	1.70	3.	65.	.005	.005	.023	4.0	90.
8107230900	.005	.018	.25	1.75	.005	.018	.15	1.70	2.	90.	.005	.005	.028	2.2	105.
8107231000	.005	.022	9999	9999	.005	.021	.20	1.70	3.	55.	.005	.005	9999	2.7	85.
8107231100	.005	.018	.20	1.70	.005	.018	.15	1.65	3.	50.	.005	.005	.049	3.3	150.
8107231200	.005	.012	.20	1.70	.005	.017	.20	1.70	3.	130.	.005	.005	.052	4.0	250.
8107231300	.005	.013	.15	1.70	.005	.015	.20	1.75	5.	195.	.005	.012	.046	3.7	210.
8107231400	.005	.015	.20	1.70	.005	.020	.20	1.70	5.	155.	.005	.005	.053	3.5	140.
8107231500	.005	.012	.15	1.65	.005	.016	.20	1.65	4.	125.	.005	.005	.051	6.1	150.
8107231600	.005	.005	.10	1.65	.005	.010	.15	1.65	4.	120.	.005	.005	.055	4.1	190.
8107231700	.005	.010	.10	1.65	.005	.013	.15	1.65	3.	160.	.005	.005	.056	3.9	210.
8107231800	.005	.010	.10	1.70	.005	.014	.15	1.70	2.	145.	.005	.005	.058	2.5	105.
8107231900	.005	.035	.20	1.80	.005	.015	.20	1.65	3.	30.	.005	.017	.037	1.8	50.
8107232000	.005	.035	.20	1.88	.005	.017	.20	1.70	4.	45.	.033	.078	.007	8888	8888
8107232100	.005	.028	.20	1.80	.005	.016	.20	1.75	3.	65.	.035	.066	.011	8888	8888
8107232200	.005	.032	.20	1.85	.005	.016	.20	1.80	2.	60.	.072	.104	.002	1.7	55.
8107232300	.005	.033	.20	1.85	.005	.014	.20	1.85	1.	55.	.038	.065	.002	2.6	60.
8107240000	.005	.032	.25	1.95	.005	.015	.15	1.85	2.	25.	.020	.050	.002	3.1	55.
8107240100	.005	.023	.20	2.25	.005	.010	.20	1.80	2.	15.	.005	.030	.002	1.8	45.
8107240200	.005	.021	.30	2.15	.005	.010	.15	1.80	3.	20.	.010	.032	.002	2.4	45.
8107240300	.005	.022	.25	2.10	.005	.015	.15	1.80	3.	25.	.005	.037	.002	2.9	50.
8107240400	.005	.027	.25	2.05	.005	.010	.15	1.80	2.	25.	.025	.052	.002	2.5	60.
8107240500	.005	.034	.40	2.05	.005	.005	.15	1.80	3.	25.	.010	.029	.002	1.7	45.
8107240600	.017	.053	.30	2.00	.005	.032	.25	1.80	1.	30.	.020	.040	.002	2.0	60.
8107240700	.031	.071	.55	2.00	.005	.024	.20	1.80	3.	30.	.005	.005	.015	2.2	55.
8107240800	.014	.053	.40	1.90	.005	.030	.20	1.80	2.	175.	.005	.013	.015	2.3	215.
8107240900	.005	.044	.35	1.90	.005	.042	.30	1.85	2.	180.	.005	.017	.022	1.5	350.
8107241000	.005	.048	.45	1.90	.005	.018	.20	1.80	3.	30.	.005	.010	.045	2.2	145.
8107241100	.005	.022	.20	1.75	.005	.005	.15	1.70	3.	45.	.005	.005	.060	3.8	185.
8107241200	.005	.025	.30	1.75	9999	9999	.15	1.70	3.	35.	.005	.005	.078	3.2	170.
8107241300	.005	.018	.20	1.70	.005	.005	.15	1.75	3.	360.	.005	.005	.090	3.7	300.
8107241400	9999	9999	.25	1.75	.005	.018	.15	1.75	3.	350.	.005	.005	.085	3.4	290.
8107241500	.005	.041	.25	1.75	.005	.005	.15	1.70	3.	335.	.005	.018	.080	4.9	315.
8107241600	.005	.022	.20	1.70	.005	.005	.15	1.70	5.	10.	.005	.018	.100	5.0	330.
8107241700	.005	.016	.15	1.70	.005	.005	.15	1.75	3.	360.	.005	.035	.075	3.8	315.
8107241800	.005	.017	.20	1.65	.005	.005	.15	1.70	4.	25.	.005	.015	.090	2.7	75.
8107241900	.005	.024	.20	1.70	.005	.018	.20	1.65	3.	55.	.005	.012	.077	2.6	120
8107242000	.005	.038	.30	1.75	.005	.032	.20	1.65	2.	60.	.005	.025	.040	1.7	120
8107242100	.005	.049	.35	1.85	.005	.037	.35	1.75	1.	55.	.005	.052	.010	8888	8888
8107242200	.005	.053	.40	2.00	.005	.042	.35	1.80	1.	60.	.035	.080	.002	8888	8888
8107242300	.005	.051	.40	2.10	.005	.039	.35	1.80	1.	25.	.050	.108	.002	8888	8888

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*-----SEAGRAMS PROPERTY-----* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*-----ROBY ELEMENTRY SCHOOL-----* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107250000	.027	.084	2.47	2.40	.005	.050	.40	1.85	1.	20.	.031	.058	.002	8888	8888
8107250100	.024	.080	4.20	2.40	.005	.045	.25	1.80	1.	50.	.059	.081	.002	1.7	135.
8107250200	.022	.073	.60	2.40	.005	.035	.30	1.90	1.	60.	.047	.079	.002	1.1	360.
8107250300	.058	.110	1.15	3.10	.005	.025	.20	1.90	1.	30.	.054	.080	.002	1.0	255.
8107250400	.050	.096	1.15	3.60	.005	.025	.25	1.90	8888	8888	.023	.041	.002	2.1	240.
8107250500	.041	.082	.90	3.20	.005	.028	.35	2.00	8888	8888	.017	.038	.002	2.0	225.
8107250600	.019	.062	.65	2.65	.020	.053	.50	2.10	8888	8888	.019	.041	.002	2.2	235.
8107250700	.010	.043	.40	2.10	.005	.040	.40	2.25	3.	240.	.005	.023	.008	3.4	240.
8107250800	.005	.037	.25	1.85	.010	.045	.35	2.05	3.	240.	.005	.012	.023	3.7	240.
8107250900	.018	.058	.25	1.80	.005	.037	.45	2.00	4.	230.	.005	.010	.038	3.3	240.
8107251000	.010	.049	.30	1.80	.005	.016	.15	1.75	3.	260.	.005	.015	.040	2.7	270.
8107251100	.005	.023	.20	1.75	.005	.012	.10	1.65	3.	230.	.005	.013	.047	3.3	240.
8107251200	.005	.021	.20	1.75	.005	.022	.05	1.65	5.	250.	.005	.011	.062	4.7	235.
8107251300	.005	.034	.25	1.70	.005	.020	.05	1.60	6.	250.	.005	.005	.076	5.0	255.
8107251400	.005	.028	.20	1.70	.005	.019	.10	1.65	5.	260.	.005	.014	.072	2.5	250.
8107251500	.005	.025	.15	1.70	.005	.014	.10	1.70	6.	240.	.005	.012	.058	5.4	240.
8107251600	.005	.027	.15	1.65	.005	.022	.10	1.70	6.	235.	.005	.010	.050	6.8	240.
8107251700	.005	.025	.15	1.65	.005	.018	.05	1.70	6.	235.	.005	.005	.052	5.7	240.
8107251800	.005	.016	.15	1.70	.005	.014	.10	1.65	6.	240.	.005	.011	.048	5.0	250.
8107251900	.005	.023	.15	1.80	.005	.014	.05	1.60	5.	250.	.005	.017	.046	4.6	245.
8107252000	.005	.032	.20	1.80	.005	.020	.10	1.65	3.	240.	.005	.023	.028	5.1	205.
8107252100	.005	.022	.25	1.80	.005	.023	.10	1.70	4.	205.	.005	.032	.012	4.5	195.
8107252200	.005	.017	.20	1.75	.005	.021	.15	1.70	5.	190.	.005	.020	.015	3.0	195.
8107252300	.005	.015	.15	1.75	.005	.017	.10	1.70	7.	200.	.005	.027	.007	3.0	210.
8107260000	.005	.012	.15	1.80	.005	.023	.02	1.70	4.	210.	.005	.032	.002	3.7	200.
8107260100	.005	.015	.15	1.85	.005	.020	.05	1.70	5.	200.	.005	.022	.009	2.1	215.
8107260200	.005	.010	.15	1.80	.005	.018	.02	1.65	6.	210.	.005	.027	.006	8888	8888
8107260300	.005	.020	.15	1.80	.005	.022	.05	1.65	6.	210.	.005	.018	.008	1.6	180
8107260400	.005	.025	.15	1.80	.005	.028	.05	1.70	6.	210.	.005	.023	.002	1.8	225.
8107260500	.005	.022	.15	1.80	.005	.036	.05	1.70	6.	210.	.017	.042	.002	4.2	215.
8107260600	.005	.016	.15	1.80	.005	.034	.05	1.70	5.	205.	.015	.034	.002	5.7	225.
8107260700	.005	.018	.15	1.75	.005	.027	.10	1.75	5.	210.	.005	.015	.013	10.0	240
8107260800	.005	.028	.20	1.75	.005	.022	.10	1.70	5.	230.	.005	.005	.023	8.0	235.
8107260900	.005	.013	.20	1.70	.005	.013	.02	1.60	6.	255.	.005	.005	.029	8.0	225
8107261000	.005	.012	.15	1.70	.005	.022	.05	1.70	7.	215.	.005	.005	.041	9.0	240.
8107261100	.005	.010	.15	1.70	.005	.023	.02	1.65	6.	235	.005	.010	.054	7.4	275.
8107261200	.005	.012	.15	1.70	.005	.015	.02	1.60	7.	255.	.005	.014	.055	8.3	275.
8107261300	.005	.005	.15	1.63	.005	.005	.02	1.60	6.	245.	.005	.010	.058	6.8	305.
8107261400	.005	.011	.20	1.65	.005	.005	.02	1.65	5.	250.	9999	9999	9999	6.7	340.
8107261500	.005	.005	.20	1.63	.005	.005	.02	1.65	5.	55.	.005	.012	.064	4.0	330.
8107261600	.005	.005	.15	1.63	.005	.005	.02	1.70	4.	25.	.005	.019	.055	2.5	285.
8107261700	.005	.015	.20	1.60	.005	.005	.02	1.65	4.	45.	.005	.020	.048	3.8	270.
8107261800	.005	.012	.20	1.65	.005	.005	.02	1.60	4.	50.	.005	.020	.056	8888	8888
8107261900	.005	.020	.20	1.70	.005	.013	.05	1.60	3	50.	.005	.048	.029	8888	8888
8107262000	.005	.030	.25	1.73	.005	.016	.10	1.60	2.	55.	.011	.057	.018	8888	8888
8107262100	.005	.035	.40	1.90	.005	.010	.15	1.65	3.	20.	.063	.100	.002	1.4	155.
8107262200	.005	.040	.25	1.85	.005	.018	.10	1.70	2.	35.	.018	.039	.002	8888	8888
8107262300	.005	.031	.30	2.00	.005	.013	.10	1.70	2.	30.	.049	.081	.002	2.1	240.

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY----------*						*-----ROBY ELEMENTRY SCHOOL-----*				
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107270000	.005	.018	.30	1.95	.005	.005	.10	1.70	2.	20.	.020	.033	.002	1.5	270.
8107270100	.005	.012	.25	1.85	.005	.016	.05	1.75	2.	15.	.022	.038	.002	1.6	95.
8107270200	.005	.016	.25	2.05	.005	.023	.10	1.70	8888	8888	.005	.021	.002	8888	8888
8107270300	.005	.022	.30	2.15	.005	.022	.05	1.75	2.	20.	.005	.010	.002	8888	8888
8107270400	.005	.025	.20	1.90	.005	.017	.02	1.70	2.	25.	.037	.041	.002	8888	8888
8107270500	.018	.042	.30	1.95	.005	.023	.05	1.70	1.	360.	.040	.060	.002	8888	8888
8107270600	.032	.060	.40	2.05	.014	.039	.55	1.80	8888	8888	.033	.045	.002	3.3	215.
8107270700	.033	.070	.55	2.15	.053	.092	.40	2.00	2.	165.	.038	.055	.007	4.5	250.
8107270800	.022	.070	.60	2.15	.032	.083	.45	2.05	2.	280.	.005	.005	.028	2.1	265.
8107270900	9999	9999	9999	9999	.010	.058	.35	2.10	4.	235.	.005	.010	.042	9999	9999
8107271000	.005	.015	9999	9999	.005	.023	.05	1.80	5.	250.	.005	.010	.052	6.2	270.
8107271100	.005	.015	.25	1.65	.005	.017	.02	1.65	6.	255.	.005	.010	.062	7.1	260.
8107271200	.005	.022	.20	1.65	.005	.012	.02	1.65	6.	245.	.005	.005	.062	6.5	245.
8107271300	.005	.010	.15	1.65	.005	.005	.02	1.70	7.	275.	.005	.005	.063	5.6	215.
8107271400	.005	.022	.15	1.65	.005	.005	.02	1.65	6.	60.	.005	.005	.057	6.5	215.
8107271500	.005	.030	.20	1.65	.005	.005	.02	1.65	5.	55.	.005	.005	.045	5.4	220.
8107271600	.005	.030	.20	1.70	.005	.005	.02	1.65	7.	25.	.005	.015	.028	8.2	210.
8107271700	.005	.020	.15	1.70	.005	.005	.02	1.60	5.	320.	.005	.010	.032	7.5	210.
8107271800	.005	.013	.10	1.60	.005	.005	.02	1.65	6.	10.	.005	.018	.028	6.8	315.
8107271900	.005	.012	.10	1.70	.005	.014	.02	1.60	3.	100.	.005	.020	.032	5.3	45.
8107272000	.005	.018	.15	1.70	.005	.023	.02	1.65	2.	165	.005	.005	.038	2.2	105.
8107272100	.005	.035	.25	1.80	.005	.037	.05	1.80	3.	170.	.011	.050	.005	3.1	210.
8107272200	.005	.032	.25	1.75	.005	.039	.02	1.80	3.	180.	.005	.010	.015	3.7	160.
8107272300	.005	.016	.20	1.75	.005	.026	.02	1.80	3.	175.	.013	.030	.005	8888	8888
8107280000	.005	.005	.15	1.75	.005	.012	.02	1.75	2.	180.	.020	.042	.002	1.8	285.
8107280100	.005	.011	.15	1.90	.005	.014	.02	1.95	2.	165.	.022	.040	.002	1.3	270.
8107280200	.005	.018	.25	2.20	.005	.019	.05	2.05	2.	190.	.035	.050	.002	1.4	360.
8107280300	.005	.020	.25	2.20	.005	.030	.02	2.20	3.	165.	.005	.025	.002	3.2	205.
8107280400	.005	.020	.20	2.15	.005	.032	.02	2.20	3.	160	.030	.050	.002	8888	8888
8107280500	.005	.020	.20	1.90	.010	.043	.15	2.15	3.	160.	.050	.080	.002	1.5	195
8107280600	.025	.035	.30	1.80	.018	.050	.35	1.80	2.	185.	.012	.040	.002	4.3	205.
8107280700	.012	.035	.30	1.75	.011	.047	.10	1.65	7.	215.	.005	.018	.012	7.1	220.
8107280800	.011	.040	.60	1.90	.012	.052	.25	1.70	3.	190.	.005	.018	.010	6.6	245.
8107280900	.013	.038	.35	1.80	.017	.058	.35	1.65	3.	205.	.005	.020	.010	5.8	240.
8107281000	.005	.030	.25	1.70	.005	.032	.10	1.65	4.	235.	.005	.013	.015	8.2	240.
8107281100	.011	.030	.25	1.75	.005	.019	.02	1.60	5.	240.	.005	.005	.023	8.2	250.
8107281200	.005	.025	.25	1.73	.012	.033	.02	1.60	4.	250.	.005	.005	.030	9.0	270
8107281300	.005	.015	.20	1.65	.005	.018	.02	1.60	8.	255.	.005	.005	.035	11.1	270.
8107281400	9999	9999	9999	9999	.005	.005	.02	1.60	10.	260	.005	.005	.037	9.3	230.
8107281500	.005	.017	.20	1.65	.005	.011	.02	1.60	7.	260.	.005	.015	.025	6.7	270.
8107281600	.005	.018	.20	1.65	.005	.005	.02	1.60	7.	260.	9999	9999	9999	7.1	255.
8107281700	.005	.015	.25	1.70	.005	.013	.02	1.55	7.	265.	.005	.010	.027	6.0	245.
8107281800	.005	.015	.20	1.65	.005	.022	.02	1.55	6.	260.	.005	.020	.022	5.3	240.
8107281900	.005	.023	.15	1.65	.005	.005	.02	1.60	6.	250.	.005	.022	.018	3.7	240.
8107282000	.005	.035	.20	1.75	.005	.013	.02	1.60	6.	260.	.005	.025	.014	5.1	255.
8107282100	.005	.012	.20	1.68	.005	.005	.02	1.70	6.	300.	.005	.018	.026	8.9	320.
8107282200	.005	.012	.20	1.70	.005	.005	.20	2.30	4.	325.	.005	.023	.020	5.0	315.
8107282300	.005	.011	.20	1.65	.005	.016	.02	1.70	4.	290.	.005	.020	.020	6.2	320.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 15
DATE 10/00/81
TIME 12 03 32

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*-----------SEAGRAMS PROPERTY----------* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*-----ROBY ELEMENTRY SCHOOL-----* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107290000	.005	.005	.10	1.73	.005	.005	.02	1.70	3.	295.	.005	.011	.024	5.8	320.
8107290100	.005	.010	.15	1.75	.005	.010	.02	1.75	6.	10.	.005	.012	.020	6.5	315.
8107290200	.005	.005	.15	1.70	.005	.010	.02	1.75	5.	360.	.005	.013	.022	6.7	20.
8107290300	.005	.005	.15	1.70	.005	.005	.02	1.65	5.	10.	.005	.015	.013	5.8	15.
8107290400	.005	.005	.20	1.70	.005	.005	.02	1.60	5.	15.	.005	.017	.012	9.0	15.
8107290500	.005	.018	.25	1.70	.005	.011	.02	1.60	4.	10.	.005	.020	.014	9.0	15.
8107290600	.010	.030	.30	1.70	.005	.018	.02	1.60	5.	10.	.005	.020	.015	8.2	20.
8107290700	.005	.020	.25	1.67	.005	.013	.02	1.60	5.	10.	.005	.017	.017	8.4	20.
8107290800	.005	.020	.20	1.70	.005	.010	.02	1.60	6.	20.	.005	.013	.022	7.8	25.
8107290900	.005	.017	.20	1.65	.005	.005	.02	1.60	6.	25.	.005	.012	.021	8.3	35.
8107291000	9999	9999	9999	9999	.005	.026	.02	1.60	6.	35.	.005	.011	.026	7.8	45.
8107291100	.005	.025	.20	1.65	.005	.017	.02	1.60	6.	40.	.005	.005	.035	9999	9999
8107291200	.005	.018	.20	1.65	9999	9999	9999	9999	6.	35.	.005	.005	.032	9999	9999
8107291300	.005	.020	.15	1.65	.005	.005	.02	1.60	6.	45.	.005	.005	.033	9999	9999
8107291400	.005	.025	.15	1.65	.005	.011	.02	1.60	5.	45.	.005	.005	.034	9999	9999
8107291500	.010	.030	.20	1.65	.005	.012	.02	1.60	5.	35.	.005	.005	.036	9999	9999
8107291600	.005	.022	.15	1.65	.005	.005	.02	1.60	6.	30.	.005	.005	.035	9999	9999
8107291700	.005	.015	.10	1.65	.005	.005	.02	1.60	5.	30.	.005	.005	.033	9999	9999
8107291800	.005	.020	.10	1.67	.005	.015	.02	1.65	5.	40.	.005	.005	.031	9999	9999
8107291900	.005	.030	.15	1.70	.005	.012	.02	1.60	3.	20.	.005	.005	.028	9999	9999
8107292000	.005	.040	.25	1.80	.005	.017	.02	1.65	2.	25.	.080	.105	.002	9999	9999
8107292100	.045	.082	.40	2.10	.021	.048	.10	1.75	8888	8888	.016	.032	.002	9999	9999
8107292200	.032	.112	.50	2.15	.037	.073	.35	1.80	2.	35.	.123	.143	.002	9999	9999
8107292300	.050	.073	1.25	2.25	.005	.024	.02	1.70	2.	20.	.072	.091	.002	9999	9999
8107300000	.005	.031	.60	2.00	.005	.015	.02	1.75	3.	15.	.120	.140	.002	9999	9999
8107300100	.005	.028	.80	2.05	.005	.012	.02	1.70	3.	20.	.037	.062	.002	9999	9999
8107300200	.005	.021	.95	2.25	.005	.010	.02	1.70	2.	20.	.020	.030	.002	9999	9999
8107300300	.005	.027	.40	2.10	.005	.010	.02	1.75	2.	15.	.032	.051	.002	9999	9999
8107300400	.005	.025	.15	1.85	.005	.015	.02	1.75	2.	15.	.049	.068	.002	9999	9999
8107300500	.014	.038	.15	1.85	.005	.018	.02	1.75	3.	10.	.050	.070	.002	9999	9999
8107300600	.033	.061	.25	1.80	.010	.030	.02	1.78	2.	10.	.042	.063	.002	9999	9999
8107300700	.032	.060	.20	1.75	.005	.020	.02	1.70	3.	40.	.005	.025	.010	9999	9999
8107300800	.012	.030	.15	1.70	.005	.017	.02	1.70	5.	50.	.005	.005	.021	9999	9999
8107300900	.005	.016	.15	1.65	.005	.012	.02	1.65	6.	50.	.005	.005	.029	9999	9999
8107301000	.005	.012	.10	1.65	.005	.005	.02	1.60	8.	55.	.005	.005	.036	9999	9999
8107301100	.005	.011	.15	1.60	.005	.005	.02	1.60	7.	55.	.005	.005	.043	9999	9999
8107301200	.005	.013	.15	1.60	.005	.005	.02	1.60	7.	50.	.005	.005	.042	8.6	50.
8107301300	.005	.015	.10	1.60	.005	.005	.02	1.60	7.	55.	.005	.005	.048	9.0	65.
8107301400	.005	.015	.15	1.62	.005	.010	.02	1.60	8.	50.	.005	.005	.052	8.4	60.
8107301500	.005	.022	.15	1.61	.005	.012	.02	1.63	8.	50.	.005	.005	.053	7.5	65.
8107301600	.005	.024	.10	1.62	.005	.005	.02	1.63	7.	55.	.005	.005	.053	6.7	70.
8107301700	.005	.014	.10	1.60	.005	.005	.02	1.60	6.	60.	.005	.005	.052	6.6	70.
8107301800	.005	.013	.10	1.67	.005	.005	.02	1.60	5.	60.	.005	.005	.054	5.1	60.
8107301900	.005	.028	.15	1.70	.005	.015	.02	1.60	4.	55.	.005	.005	.051	2.8	45.
8107302000	.005	.042	.20	1.80	.005	.030	.05	1.70	3.	55.	.005	.022	.019	2.4	55.
8107302100	.005	.053	.25	1.80	.005	.050	.05	1.80	2.	50.	.005	.028	.002	1.5	85.
8107302200	.005	.055	.18	1.90	.005	.025	.02	1.80	3.	50.	.005	.032	.002	1.4	115.
8107302300	.005	.043	.25	1.92	.005	.020	.02	1.85	2.	50.	.005	.021	.002	1.8	115.

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING	*-BROADWAY MEDICAL BLDGS.-*				*----------SEAGRAMS PROPERTY----------*						*-----ROBY ELEMENTRY SCHOOL-----*				
YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8107310000	.010	.052	.20	2.05	.005	.015	.02	1.80	2.	30.	.020	.047	.002	8888	8888
8107310100	.010	.054	.20	2.05	.005	.015	.02	1.90	2.	25.	.017	.039	.002	8888	8888
8107310200	.005	.037	.45	2.25	.005	.020	.02	1.90	2.	360.	.019	.042	.002	8888	8888
8107310300	.005	.033	.60	2.20	.005	.021	.02	1.90	2.	10.	.048	.066	.002	1.1	280.
8107310400	.005	.031	.40	2.20	.005	.018	.02	1.95	2.	15.	.005	.014	.002	8888	8888
8107310500	.011	.040	.50	2.15	.005	.025	.02	2.00	3.	22.	.013	.023	.002	8888	8888
8107310600	.041	.076	.50	2.10	.005	.020	.02	1.95	3.	20.	.260	.265	.002	8888	8888
8107310700	.027	.061	.55	2.00	.005	.029	.02	1.85	3.	25.	.105	.110	.002	2.8	20.
8107310800	.026	.056	.35	1.95	.005	.023	.02	1.80	3.	40.	.010	.022	.018	3.2	80.
8107310900	.020	.053	.40	1.95	.005	.024	.02	1.80	2.	55.	.005	.010	.023	2.3	245.
8107311000	.012	.050	.55	1.95	.005	.020	9999	9999	3.	50.	.005	.005	.048	2.5	105.
8107311100	.005	.026	.25	1.85	.005	.012	9999	9999	4.	45.	.005	.005	.057	3.6	105.
8107311200	.005	.018	.20	1.80	.005	.005	9999	9999	4.	45.	.005	.005	.058	3.2	40.
8107311300	.005	.012	.20	1.75	.005	.005	9999	9999	4.	40.	.005	.005	.056	3.4	120.
8107311400	.005	.010	.15	1.70	.005	.005	9999	9999	4.	350.	.005	.010	.055	3.3	330.
8107311500	.005	.021	.30	1.75	.005	.005	9999	9999	3.	330.	.005	.005	.060	3.8	45.
8107311600	.005	.025	.25	1.75	.005	.005	9999	9999	4.	10.	.005	.005	.060	3.2	10.
8107311700	.005	.021	.20	1.75	.005	.005	9999	9999	4.	20.	.005	.015	.054	3.6	15.
8107311800	.005	.020	.25	1.80	.005	.005	9999	9999	4.	25.	.005	.030	.037	3.3	350.
8107311900	.005	.030	.25	1.85	.005	.016	9999	9999	3.	25.	.012	.067	.006	1.9	20.
8107312000	.005	.049	.35	1.95	.005	.031	9999	9999	2.	15.	.010	.060	.002	1.1	35
8107312100	.005	.047	.65	1.95	.005	.034	9999	9999	2.	10.	.048	.087	.002	2.2	125.
8107312200	.010	.056	.35	2.15	.005	.030	.10	1.85	2.	20.	.012	.046	.002	1.6	90
8107312300	.014	.060	.40	2.10	.005	.025	.10	1.95	2.	25.	.068	.110	.002	1.9	50.
8108010000	.005	.037	.35	2.15	.005	.022	.20	2.15	1.	315.	.070	.110	.002	8888	8888
8108010100	.010	.048	.40	2.10	.005	.035	.10	2.10	2.	15.	.036	.065	.002	8888	8888
8108010200	.016	.053	.30	2.20	.005	.034	.15	2.15	8888	8888	.040	.070	.002	8883	8888
8108010300	.005	.020	.30	2.15	.005	.032	.25	2.15	8888	8888	.045	.075	.002	8888	8888
8108010400	.005	.032	.25	2.15	.005	.030	.15	2.15	8888	8888	.078	.103	.002	8888	8888
8108010500	.005	.036	.35	2.25	.005	.022	.10	2.15	8888	8888	.065	.085	.002	8888	8888
8108010600	.010	.033	.40	2.55	.012	.033	.15	2.20	8888	8888	.110	.130	.002	8888	8888
8108010700	.005	.026	.30	2.05	.018	.045	.20	2.20	1.	120.	.005	.016	.006	.9	180.
8108010800	.005	.018	.25	1.85	.010	.032	.15	1.95	3.	175.	.005	.020	.017	2.4	180
8108010900	.005	.022	.25	1.90	.005	.030	.15	1.90	3.	180.	.005	.017	.020	2.7	215.
8108011000	.005	.025	.30	2.00	.005	.030	.15	1.95	2.	235.	.005	.016	.044	3.0	135.
8108011100	.005	.010	.20	1.80	.005	.019	.10	1.90	3.	90.	.005	.005	.067	2.9	150.
8108011200	.005	.010	.15	1.70	.005	.005	.02	1.80	3.	70.	.005	.005	.065	4.2	125
8108011300	.005	.014	.20	1.70	.005	.010	.05	1.80	3.	120.	.005	.005	.064	4.7	160.
8108011400	.005	.016	.15	1.70	.005	.005	.02	1.80	3.	90.	.005	.005	.066	5.4	170.
8108011500	.005	.005	.10	1.65	.005	.005	.05	1.80	4.	135.	.005	.005	.064	9.0	180.
8108011600	.005	.005	.10	1.65	.005	.005	.02	1.82	3.	180	.005	.010	.059	7.3	190.
8108011700	.005	.005	.10	1.75	.005	.011	.05	1.85	3.	125.	.005	.010	.057	6.9	205.
8108011800	.005	.010	.15	1.70	.005	.018	.05	1.85	4.	190.	.005	.026	.036	2.8	230.
8108011900	.005	.015	.20	1.80	.005	.015	.05	1.80	4.	220.	.010	.055	.021	1.2	225
8108012000	.005	.036	.30	1.90	.005	.020	.10	1.85	3.	45.	.040	.089	.002	1.0	360.
8108012100	.005	.048	.40	2.20	.005	.030	.15	1.90	1.	180.	.078	.110	.002	1.2	270.
8108012200	.011	.062	.55	2.45	.019	.065	.25	2.30	1.	180.	9999	9999	9999	2.1	110
8108012300	.013	.069	.55	2.65	.030	.088	.30	2.75	2.	165.	9999	9999	.002	1.2	225.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*------------SEAGRAMS PROPERTY----------* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*-----ROBY ELEMENTRY SCHOOL------* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108020000	.005	.060	.50	2.45	.015	.071	.25	2.60	1.	180.	9999	9999	.002	8888	8888
8108020100	.005	.046	.45	2.30	.005	.048	.20	2.40	2.	175.	.030	.050	.002	1.0	310
8108020200	.005	.040	.40	2.45	.012	.055	.35	2.60	8888	8888	.023	.044	.002	.9	315.
8108020300	.010	.047	.55	3.10	.011	.050	.40	2.70	8888	8888	.050	.070	.002	8888	8888
8108020400	.005	.036	.45	2.60	.005	.042	.20	2.80	2.	140.	.041	.058	.002	8888	8888
8108020500	.005	.027	.30	2.15	.005	.039	.25	2.60	1.	170.	.062	.075	.002	8888	8888
8108020600	.005	.030	.25	2.05	.012	.043	.10	2.30	2.	175.	.046	.060	.002	.9	310.
8108020700	.005	.023	.25	1.95	.012	.044	.22	2.25	2.	180.	.027	.042	.002	1.2	240.
8108020800	.011	.035	.20	2.25	.017	.050	.10	2.45	4.	25.	.005	.012	.019	3.8	230.
8108020900	.010	.038	.20	1.95	.005	.034	.10	2.05	5.	230.	.005	.005	.035	4.2	245.
8108021000	.005	.022	.30	1.90	.005	.028	.02	1.80	3.	220.	.005	.005	.051	3.1	180.
8108021100	.005	.012	.15	1.65	.005	.016	.02	1.85	3.	195.	.005	.005	.062	4.0	190
8108021200	.005	.005	.10	1.65	.005	.011	.02	1.80	4.	230.	.005	.005	.068	4.0	225.
8108021300	.005	.005	.10	1.65	.005	.010	.02	1.80	4.	210.	.005	.005	.070	5.7	240.
8108021400	.005	.005	.10	1.60	.005	.010	.02	1.80	3.	190.	.005	.005	.074	6.0	230
8108021500	.005	.005	.10	1.65	.005	.014	.02	1.80	4.	180.	.005	.011	.065	6.7	240.
8108021600	.005	.012	.10	1.65	.005	.016	.02	1.80	5.	250.	.005	.014	.062	6.3	255
8108021700	.005	.019	.10	1.65	.005	.018	.02	1.80	5.	265.	9999	9999	.053	6.0	245
8108021800	9999	9999	.10	1.70	.005	.016	.02	1.75	5.	270.	9999	9999	.042	5.4	210
8108021900	.005	.017	.15	1.85	.005	.011	.02	1.75	4.	260.	9999	9999	.011	2.4	220.
8108022000	.005	.028	.25	1.95	.005	.021	.08	1.90	2.	240.	9999	9999	.007	1.7	160
8108022100	.005	.048	.45	2.00	.005	.039	.15	1.95	8888	8888	9999	9999	.002	8888	8888
8108022200	.005	.057	.45	2.35	.005	.050	.30	2.10	8888	8888	.071	.110	.002	1.0	290
8108022300	.005	.055	.50	2.50	.005	.062	.30	2.50	2.	180.	.057	.083	.002	8888	8888
8108030000	.005	.057	.45	2.50	.013	.053	.20	2.30	2.	210.	.045	.060	.002	1.2	300
8108030100	.005	.055	.50	2.75	.005	.030	.10	1.95	2.	215.	.052	.068	.002	8888	8888
8108030200	.014	.059	.50	3.10	.012	.061	.30	2.80	2.	195.	.050	.070	.002	8888	8888
8108030300	.030	.070	.55	4.80	.005	.040	.20	2.40	1.	215.	.056	.075	.002	8888	8888
8108030400	.031	.072	.60	4.60	.023	.060	.02	3.15	2.	160.	.061	.080	.002	8888	8888
8108030500	.025	.055	.40	2.55	.048	.088	.35	3.75	1.	160.	.080	.097	.002	8888	8888
8108030600	.033	.063	.45	2.05	.070	.112	.30	2.80	2.	155.	.140	.165	.002	8888	8888
8108030700	.033	.068	.45	1.90	.050	.087	.35	2.05	3.	165.	.070	.100	.002	1.7	210
8108030800	.022	.053	.35	2.00	.032	.075	.25	2.10	3.	175.	.010	.025	.018	4.6	200
8108030900	.005	.025	.25	1.90	.019	.053	.08	1.85	5.	190.	.005	.015	.025	5.0	220
8108031000	.029	.058	.20	1.65	.012	.037	.02	1.75	6.	210.	.005	.012	.036	6.5	225.
8108031100	.021	.050	.20	1.70	.005	.020	.02	1.80	5.	225.	.005	.016	.038	7.4	230
8108031200	.005	.022	.15	1.65	.005	.028	.02	1.75	6.	235.	.005	.011	.044	7.3	225.
8108031300	.005	.020	.15	1.65	.005	.022	.02	1.70	7.	230.	.005	.018	.052	10.2	240.
8108031400	9999	9999	9999	9999	.005	.023	.02	1.75	7.	210.	.005	.014	.066	7.1	240
8108031500	.005	.022	.15	1.65	.005	.015	.02	1.60	6.	235.	.005	.012	.056	7.6	240
8108031600	.005	.019	.15	1.65	.005	.020	.02	1.00	5.	250.	.005	.018	.051	6.8	255.
8108031700	.005	.023	.25	1.75	.005	.021	.02	1.75	5.	250.	.005	.029	.025	3.2	315
8108031800	.005	.030	.10	1.75	.005	.015	.02	1.75	6.	245.	.005	.036	.016	1.8	310.
8108031900	.005	.028	.30	1.80	.005	.020	.02	1.75	3.	250.	.010	.045	.008	1.9	135
8108032000	.005	.047	.25	1.95	.005	.026	.02	1.75	2.	240.	.005	.031	.013	1.3	145.
8108032100	.005	.055	.40	2.00	.010	.060	.15	1.95	2.	215.	.013	.039	.010	8888	8888
8108032200	.005	.060	.45	2.40	.015	.069	.35	2.20	8888	8888	.060	.115	.002	8888	8888
8108032300	.005	.053	.45	2.15	.021	.073	.25	2.20	8888	8888	.053	.080	.002	8888	8888

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 18
DATE 10/03/81
TIME 12 03 32

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---SEAGRAMS PROPERTY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*---ROBY ELEMENTRY SCHOOL---* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108040000	.005	.043	.40	2.10	.035	.080	.40	2.50	8888	8888	.130	.160	.002	8888	8888
8108040100	.005	.036	.40	2.10	.030	.070	.40	2.55	8888	8888	.095	.135	.002	8888	8888
8108040200	.005	.033	.35	2.05	.019	.060	.30	2.50	8888	8888	.062	.080	.002	8888	8888
8108040300	.005	.030	.30	2.20	.026	.068	.40	2.40	8888	8888	.048	.068	.002	1.8	225
8108040400	.012	.042	.40	2.45	.048	.082	.40	2.45	8888	8888	.030	.046	.002	1.0	240.
8108040500	.050	.082	.45	3.60	.063	.105	.55	2.65	8888	8888	.105	.125	.002	1.1	290.
8108040600	.078	.100	.70	3.20	.095	.135	.40	4.05	8888	8888	.068	.082	.002	2.0	290.
8108040700	.090	.140	.80	2.65	.073	.120	.50	3.60	2.	220.	.041	.055	.002	2.1	260.
8108040800	.030	.078	.45	2.00	.031	.080	.20	1.95	2.	240.	.012	.030	.018	2.4	235.
8108040900	.022	.067	.25	1.80	.020	.070	.15	1.95	3.	210.	.005	.015	.040	4.5	230.
8108041000	.010	.043	.25	1.75	.012	.062	.10	1.90	4.	225.	.005	.010	.058	3.7	240.
8108041100	.005	.020	.25	1.70	.005	.040	.10	1.90	5.	235.	.005	.011	.060	6.4	225.
8108041200	.005	.020	.20	1.70	.005	.020	.02	1.80	5.	230.	.005	.011	.064	6.6	240.
8108041300	.005	.015	.20	1.75	.005	.024	.02	1.80	5.	240.	.005	.012	.057	6.1	280
8108041400	.005	.019	.20	1.70	.005	.029	.02	1.80	5.	250.	.005	.010	.055	6.5	270
8108041500	.005	.015	.20	1.65	.005	.015	.02	1.85	6.	260.	.005	.015	.063	7.2	275.
8108041600	.005	.010	.20	1.65	.005	.005	.02	1.85	6.	265.	.005	.016	.065	5.8	270.
8108041700	.005	.015	.15	1.65	.005	.010	.02	1.75	5.	280.	.005	.014	.069	5.5	245.
8108041800	.005	.018	.10	1.70	.005	.012	.10	1.85	4.	295.	.005	.030	.053	3.8	270
8108041900	.005	.014	.20	1.75	.005	.014	.02	1.90	3.	290.	.005	.060	.020	2.0	310
8108042000	.005	.016	.25	1.80	.005	.030	.10	1.80	1.	250.	.013	.085	.002	8888	8888
8108042100	.005	.045	.55	2.40	.005	.052	.20	1.95	1.	280.	.070	.130	.002	1.0	310.
8108042200	.005	.048	.80	2.80	.005	.060	.60	2.10	8888	8888	.047	.086	.002	8888	8888
8108042300	.005	.062	.70	2.90	.023	.075	.45	2.20	8888	8888	.055	.092	.002	8888	8888
8108050000	.005	.068	.75	3.05	.022	.067	.45	2.15	8888	8888	.046	.076	.002	1.0	325
8108050100	.017	.077	.90	3.30	.026	.061	.35	2.10	8888	8888	.050	.072	.002	1.0	265.
8108050200	.054	.113	.85	3.95	.038	.072	.30	2.20	8888	8888	.055	.074	.002	1.3	280.
8108050300	.045	.102	.80	5.05	.050	.081	.40	2.45	8888	8888	.057	.075	.002	8888	8888
8108050400	.037	.083	.80	3.90	.053	.082	.45	2.75	8888	8888	.080	.100	.002	8888	8888
8108050500	.035	.076	.65	3.50	.075	.104	.45	2.70	1.	55.	.090	.110	.002	8888	8888
8108050600	.075	.115	.90	3.25	.080	.110	.40	2.45	8888	8888	.100	.120	.002	1.1	270
8108050700	.123	.177	1.25	4.50	.063	.102	.30	2.55	2.	45.	.048	.062	.002	1.9	295.
8108050800	.059	.135	1.25	4.20	.066	.120	.40	2.95	1.	130.	.010	.030	.021	3.8	225.
8108050900	.015	.077	.55	2.05	9999	9999	9999	9999	3.	145.	.005	.016	.056	4.2	250.
8108051000	.010	.040	.30	1.85	9999	9999	9999	9999	4.	225.	.005	.013	.065	6.9	225
8108051100	.005	.010	.20	1.65	9999	9999	.05	1.75	5.	230.	.005	.012	.071	6.7	230.
8108051200	.005	.010	.20	1.65	.005	.031	.02	1.70	5.	240.	.005	.012	.076	8.1	230.
8108051300	.005	.012	.20	1.65	.005	.022	.02	1.80	6.	230.	.005	.015	.062	8.8	235.
8108051400	9999	9999	.20	1.70	.005	.016	.05	1.80	7.	225.	.005	.014	.051	8.2	240.
8108051500	9999	9999	9999	9999	.005	.020	.02	1.80	6.	245.	.005	.015	.052	8.6	225.
8108051600	9999	9999	9999	9999	.005	.019	.02	1.90	4.	305.	.005	.020	.061	8.4	220.
8108051700	.005	.021	.20	1.75	.005	.015	.02	1.80	6.	20.	.005	.026	.055	6.3	255.
8108051800	.005	.028	.15	1.70	.005	.016	.02	1.70	5.	55.	.005	.020	.040	8.4	35
8108051900	.005	.029	.15	1.65	.005	.029	.02	1.75	4.	75.	.005	.018	.034	4.3	105
8108052000	.005	.020	.25	1.70	.005	.013	.02	1.70	6.	25.	.005	.023	.022	4.6	30
8108052100	.005	.019	.15	1.70	.005	.010	.02	1.70	5.	20.	.005	.031	.014	5.4	25.
8108052200	.005	.014	.15	1.70	.005	.014	.02	1.75	3.	120.	.005	.023	.020	3.0	60.
8108052300	.005	.013	.20	1.75	.005	.021	.02	1.80	3.	190.	.005	.020	.021	3.3	180.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY-----------*						*-----ROBY ELEMENTRY SCHOOL-----*				
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108060000	.005	.015	.15	2.00	.005	.016	.02	1.85	3.	185.	.005	.021	.018	4.7	195.
8108060100	.005	.012	.15	1.95	.005	.016	.02	1.90	2.	195.	.005	.024	.014	4.0	210.
8108060200	.005	.022	.20	2.10	.005	.023	.02	2.00	2.	205.	.005	.021	.015	3.3	240.
8108060300	.005	.024	.15	1.90	.005	.031	.02	1.95	4.	200.	.005	.016	.020	5.2	230.
8108060400	.005	.017	.15	1.85	.005	.021	.05	1.90	3.	230.	.005	.017	.021	6.4	240.
8108060500	.010	.042	.20	1.85	.005	.015	.02	1.80	4.	230.	.005	.019	.023	5.7	250.
8108060600	.011	.044	.30	1.30	.005	.022	.05	1.80	2.	240.	.005	.025	.020	4.1	240.
8108060700	.016	.048	.45	1.85	.005	.023	.05	1.70	3.	255.	.005	.026	.018	4.8	250
8108060800	.010	.031	.25	1.75	.005	.018	.02	1.70	4.	270.	9999	9999	.025	6.2	265.
8108060900	.010	.035	.20	1.65	.005	.012	.02	1.65	6.	280.	9999	9999	.025	8.8	300.
8108061000	.005	.028	9999	9999	.005	.013	.02	1.70	5.	285.	9999	9999	.034	8.7	305.
8108061100	.005	.025	9999	9999	.005	.010	.10	1.75	5.	295.	.005	.029	.033	9.0	295.
8108061200	.005	.021	9999	9999	.005	.010	.02	1.85	7.	305.	.005	.028	9999	8.6	300.
8108061300	.005	.019	9999	9999	.005	.010	.02	1.95	8.	320.	.005	.017	.046	10.0	300.
8108061400	.005	.020	.20	1.60	.005	.005	.02	1.80	7.	290.	.005	.015	.047	8.8	320.
8108061500	.005	.022	.20	1.60	.005	.005	.02	1.85	6.	310.	.005	.016	.046	9.2	315.
8108061600	.005	.020	.20	1.58	.005	.005	9999	9999	7.	315.	.005	.015	.047	9.1	305.
8108061700	.005	.015	.15	1.60	.005	.010	.02	2.05	6.	305.	.005	.022	.038	6.8	325.
8108061800	.005	.017	.15	1.60	.005	.012	.02	1.75	5.	295.	.005	.032	.024	4.7	330.
8108061900	.005	.016	.20	1.65	.005	.020	.05	1.70	3.	280.	.016	.058	.007	2.2	330.
8108062000	.005	.023	.25	1.65	.005	.023	.10	1.75	2.	290.	.038	.076	.002	1.2	310.
8108062100	.005	.035	.35	1.85	.010	.046	.20	1.80	1.	270.	.030	.064	.002	1.6	225.
8108062200	.005	.044	.65	2.05	.028	.068	.75	1.85	1.	280.	.052	.080	.002	1.7	290.
8108062300	.005	.046	.90	2.40	.012	.045	.35	1.85	2.	265.	.036	.060	.002	1.6	240.
8108070000	.005	.031	.70	2.45	.005	.026	.05	1.80	1.	270.	.057	.078	.002	1.2	245
8108070100	.005	.040	.85	3.00	.005	.029	.05	1.85	8888	8688	.052	.062	.002	2.2	265
8108070200	.010	.048	.60	2.60	.005	.031	.10	2.10	1.	220.	.043	.065	.002	8888	8888
8108070300	.005	.042	.45	2.35	.005	.033	.30	2.75	1.	235.	.065	.076	.002	1.3	255.
8108070400	.005	.035	.45	2.35	.005	.030	.15	2.40	1.	190.	.053	.070	.002	1.6	250.
8108070500	.030	.060	.45	2.50	.055	.088	.25	2.85	2.	165.	.041	.063	.002	2.9	225.
8108070600	.041	.076	.50	3.00	.062	.100	.45	2.45	3.	185.	.063	.077	.002	2.3	230
8108070700	.055	.085	.70	3.00	.049	.086	.30	2.20	3.	200.	.060	.085	.002	2.2	240.
8108070800	.032	.070	.55	2.20	.026	.065	.15	1.90	4.	205.	.044	.073	.002	3.0	220.
8108070900	.019	.050	.40	1.80	.024	.060	.10	1.85	5.	195.	.031	.058	.002	3.0	165.
8108071000	.010	.037	.40	1.85	.035	.065	.10	1.85	4.	200.	.022	.052	.008	7.0	220.
8108071100	.010	.040	.30	1.75	.012	.042	.05	1.80	3.	210.	.005	.028	.019	8.1	190.
8108071200	.005	.036	.30	1.75	.015	.055	.10	1.80	2.	200.	.010	.030	.018	3.2	200
8108071300	.005	.030	.30	1.70	.014	.058	.05	1.80	2.	190.	.005	.032	.063	5.1	205.
8108071400	.005	.038	.30	1.70	.010	.046	.10	1.80	2.	220.	.010	.036	.050	4.2	280.
8108071500	.005	.032	.30	1.70	.014	.050	.10	1.75	2.	225.	.005	.032	.040	5.8	215
8108071600	.005	.047	9999	9999	.017	.060	.15	1.85	3.	210.	9999	9999	.032	5.0	195.
8108071700	.010	.040	9999	9999	.020	.055	.05	1.75	3.	195.	.005	.024	.027	2.7	195.
8108071800	.005	.046	9999	9999	.020	.058	.05	1.75	4.	175.	.005	.018	.026	2.5	200
8108071900	.005	.045	9999	9999	.018	.060	.05	1.90	5.	175.	.005	.031	.015	3.8	170.
8108072000	.010	.050	9999	9999	.020	.064	.10	1.95	7.	160.	.028	.063	.002	3.2	185.
8108072100	.015	.049	9999	9999	.018	.055	.05	2.15	8.	190.	.052	.080	.002	2.3	205.
8108072200	.010	.042	.40	2.43	.010	.047	.05	1.90	9.	205.	.075	.110	.002	2.5	240.
8108072300	.018	.052	.48	2.15	.025	.058	.15	1.95	9.	225.	.028	.050	.002	2.6	225

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY----------*						*-----ROBY ELEMENTRY SCHOOL-----*				
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108080000	.005	.035	.20	2.00	.005	.036	.30	2.20	8.	235.	.010	.025	.007	4.1	210.
8108080100	.005	.038	.25	2.55	.005	.022	.10	1.90	8.	250.	.005	.022	.006	3.4	220.
8108080200	.005	.036	.35	2.65	.005	.020	.02	1.82	8.	240.	.011	.028	.002	2.6	215.
8108080300	.005	.030	.50	2.95	.005	.018	.02	1.80	8.	235.	.018	.032	.002	2.8	245.
8108080400	.005	.031	.35	2.85	.005	.026	.02	1.85	9.	225.	.035	.055	.002	1.9	215.
8108080500	.010	.033	.20	2.45	.005	.028	.02	1.90	7.	230.	.032	.050	.002	2.7	210.
8108080600	.022	.042	.20	2.20	.011	.034	.25	2.15	7.	225.	.024	.042	.002	3.3	220
8108080700	.016	.036	.20	1.90	.020	.040	.15	2.15	6.	220.	.010	.020	.012	3.5	220
8108080800	.025	.048	.15	1.80	.014	.034	.20	1.90	7.	230.	.005	.012	9999	6.3	225.
8108080900	.013	.038	.15	1.85	.021	.040	.02	1.70	6.	255.	.005	.016	.025	6.7	240.
8108081000	.005	.021	.15	1.75	.010	.025	.02	1.70	5.	265.	.005	.011	.033	8.2	250.
8108081100	.005	.013	.10	1.70	.005	.019	.02	1.65	7.	260.	.005	.015	.035	8.0	270
8108081200	.005	.010	.10	1.65	.005	.011	.02	1.65	7.	250.	.005	.017	.037	8.2	275
8108081300	.005	.010	.10	1.65	.005	.012	.02	1.65	7.	250.	.005	.014	.040	7.3	265
8108081400	.005	.016	.05	1.70	.005	.005	9999	9999	5.	270.	.005	.022	.038	5.4	250.
8108081500	.005	.010	.05	1.70	.005	.011	9999	9999	6.	265.	.005	.015	.046	7.2	255.
8108081600	.005	.017	.10	1.65	.005	.005	9999	9999	7.	260.	.005	.013	.050	9.0	260.
8108081700	.005	.020	.05	1.65	.005	.005	9999	9999	7.	290.	.005	.020	.041	7.1	285.
8108081800	.005	.021	.05	1.70	.005	.005	9999	9999	6.	280.	.005	.029	.028	4.2	300.
8108081900	.005	.019	.10	1.70	.005	.011	.02	1.80	4.	280.	.018	.055	.014	3.1	280.
8108082000	.005	.018	.10	1.75	.005	.012	.02	1.80	3.	300.	.058	.090	.002	1.6	295.
8108082100	.005	.031	.15	1.62	.005	.014	.02	1.82	1.	295.	.065	.092	.002	1.3	255.
8108082200	.015	.055	.35	2.20	.005	.023	.05	1.85	8888	8888	.063	.086	.002	1.7	250.
8108082300	.010	.048	.60	2.60	.020	.050	.10	1.90	8888	8888	.075	.095	.002	1.3	290
8108090000	.015	.055	1.10	3.30	.052	.082	.30	2.10	8888	8888	.072	.092	.002	.9	250.
8108090100	.013	.044	1.35	3.35	.060	.090	.25	2.25	1.	180.	.060	.078	.002	1.4	310.
8108090200	.050	.080	.65	3.50	.068	.096	.45	2.85	1.	180.	.020	.032	.002	1.6	270.
8108090300	.042	.073	.80	3.83	.069	.098	.50	3.15	8888	8888	.031	.044	.002	1.0	300
8108090400	.023	.050	.60	3.00	.058	.079	.45	3.25	8888	8888	.019	.028	.002	8888	8888
8108090500	.037	.061	.57	3.58	.065	.084	.60	3.55	8888	8888	.023	.033	.002	8888	8888
8108090600	.032	.057	.73	3.35	.052	.080	.65	3.85	8888	8888	.026	.030	.002	1.2	305.
8108090700	.005	.030	.80	2.60	.016	.040	.25	3.10	1.	260.	.022	.028	.002	1.3	270
8108090800	.010	.032	.40	2.25	.005	.012	.02	3.95	2.	255.	.010	.021	.021	3.2	210.
8108090900	.005	.020	9999	9999	.005	.005	.02	3.83	3.	280.	.005	.017	.025	3.6	225.
8108091000	.005	.015	.23	1.70	.005	.005	.02	3.80	4.	285.	.005	.014	.037	4.7	230.
8108091100	.005	.005	.20	1.75	.005	.010	9999	9999	4.	240.	.005	.010	.049	6.3	225
8108091200	.005	.005	.20	1.70	.005	.010	.08	1.78	4.	230.	.005	.010	.053	5.5	245.
8108091300	.005	.013	.15	1.70	.005	.005	.07	1.75	5.	280.	.005	.005	.056	5.7	240.
8108091400	.005	.016	.15	1.70	.005	.010	.07	1.75	4.	275.	.005	.005	.058	6.3	230.
8108091500	.005	.014	.12	1.70	.005	.005	.05	1.75	4.	250.	.005	.010	.052	7.6	240.
8108091600	.005	.020	.20	1.67	.005	.017	.06	1.75	5.	270.	.005	.012	.048	6.5	240.
8108091700	.005	.018	.20	1.72	.005	.010	.07	1.75	3.	265.	.005	.019	.041	5.3	255.
8108091800	.005	.010	.22	1.75	.005	.005	.07	1.70	3.	265.	.005	.028	.032	3.5	240.
8108091900	.005	.012	.25	1.75	.005	.021	.11	1.75	2.	255.	.032	.075	.006	2.4	225
8108092000	.005	.031	.35	1.90	.005	.032	.14	1.85	1.	260.	.031	.065	.002	8888	8888
8108092100	.015	.065	.60	2.35	.012	.061	.18	2.00	8888	8888	.110	.145	.002	8888	8888
8108092200	.040	.093	.75	2.63	.039	.088	.75	2.35	8888	8888	.024	.058	.002	1.0	190.
8108092300	.062	.106	.93	2.85	.062	.105	.80	2.85	1.	190.	.105	.125	.002	1.4	270.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 21
DATE 10/08/81.
TIME 12.03.32.

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY---------*						*-----ROBY ELEMENTRY SCHOOL-----*				
BEGINNING	NO	NOX	NMOC	CH4	NO	NOX	NMOC	CH4	WS	WD	NO	NOX	O3	WS	WD
YYMMDDHH	PPM	PPM	PPMC	PPMC	PPM	PPM	PPMC	PPMC	MPH	DEG	PPM	PPM	PPM	MPH	DEG
8108100000	.034	.078	.55	2.30	.045	.080	.65	2.95	1.	235.	.052	.065	.002	1.7	270.
8108100100	.023	.063	.40	3.40	.025	.065	.60	2.95	1.	130.	.038	.048	.002	1.1	305.
8108100200	.039	.079	.60	4.45	.050	.087	.65	3.35	1.	85.	.043	.060	.002	8888	8888
8108100300	.051	.083	.60	4.45	.050	.082	.65	3.30	8888	8888	.048	.055	.002	1.5	250
8108100400	.042	.072	.55	3.35	.047	.080	.40	3.30	2.	165.	.028	.035	.002	1.7	270.
8108100500	.026	.048	.30	2.45	.045	.080	.40	2.85	1.	150.	.083	.100	.002	8888	8888
8108100600	.041	.065	.45	2.30	.075	.105	.50	2.65	1.	160.	.130	.145	.002	8888	8888
8108100700	.050	.076	.50	2.05	.080	.125	.65	2.40	2.	160.	.043	.054	.002	2.1	305
8108100800	.021	.061	.45	2.30	.040	.098	.55	2.05	3.	185.	.023	.036	.008	1.3	245
8108100900	.010	.041	.30	2.35	.012	.058	.35	2.00	4.	230.	.013	.030	.024	3.8	220.
8108101000	.005	.020	.20	1.80	.023	.063	.20	1.95	5.	225.	.005	.011	.040	5.0	235.
8108101100	.005	.010	.20	1.80	.005	.025	9999	9999	7.	225.	.005	.012	.055	7.1	245.
8108101200	.005	.010	.20	1.72	.005	.018	9999	9999	6.	245.	.005	.010	.054	8.6	225.
8108101300	9999	9999	9999	9999	.005	.015	9999	9999	7.	230.	.005	.010	.050	7.3	220
8108101400	.005	.015	.15	1.73	.005	.013	9999	9999	7.	205.	.005	.013	.052	7.9	205.
8108101500	.005	.025	.12	1.75	.005	.018	9999	9999	8.	215.	.005	.027	.034	5.3	270.
8108101600	.005	.018	.15	1.75	.005	.020	9999	9999	8.	230.	.005	.016	.042	4.2	255.
8108101700	.005	.020	.25	1.78	.005	.011	9999	9999	5.	240.	.010	.048	.017	2.6	300.
8108101800	.005	.038	.30	1.85	.005	.015	9999	9999	3.	250.	.021	.060	.011	1.7	270
8108101900	.005	.032	.20	1.85	.010	.065	.40	1.90	3.	240.	.005	.033	9999	6.6	260.
8108102000	.005	.033	.25	1.85	.005	.018	.05	1.80	4.	255.	.005	.025	.063	4.2	235.
8108102100	.005	.025	.20	1.85	.005	.015	.05	1.85	4.	250.	.005	.034	.038	4.0	240
8108102200	.005	.022	.20	1.85	.005	.035	.05	1.85	6.	220.	.005	.037	9999	3.0	250
8108102300	.005	.040	.20	1.85	.005	.035	.25	2.00	3.	240.	.010	.045	.007	1.9	240.
8108110000	.005	.030	.30	2.05	.005	.012	.05	1.85	3.	245.	.005	.030	.012	2.8	205.
8108110100	.005	.035	.40	2.25	.005	.015	.05	1.85	2.	255.	.005	.024	.032	3.2	230.
8108110200	.005	.030	.45	2.70	.005	.015	.05	1.85	2.	265.	.005	.020	.020	4.0	240
8108110300	.005	.015	.25	1.95	.005	.010	.40	1.90	3	290	.005	.029	.020	2.8	230.
8108110400	.005	.012	.12	1.85	.005	.005	.05	2.20	3.	310.	.020	.048	.002	2.2	210.
8108110500	.005	.020	.20	1.85	.005	.010	.20	2.00	2.	285.	.026	.050	.020	3.3	220.
8108110600	.012	.035	.30	1.85	.005	.015	.15	2.00	2.	290.	.042	.065	.002	1.6	270
8108110700	.010	.032	.20	1.85	.005	.018	.35	2.00	2.	295.	.021	.040	.002	2.5	270.
8108110800	.005	.025	.25	1.80	.005	.013	.20	1.85	3.	355.	.012	.028	.015	3.7	300.
8108110900	.005	.025	.20	1.80	.005	.005	.10	1.90	3.	345.	.005	.018	.025	3.2	350.
8108111000	.005	.020	.20	1.75	.005	.005	.05	1.85	4.	360.	.005	.012	.038	4.1	320.
8108111100	.005	.018	.15	1.75	.005	.005	9999	9999	5.	335.	.005	.016	.052	4.3	315
8108111200	.005	.020	.20	1.75	.005	.005	.20	1.75	5.	295.	.005	.023	.030	4.7	340.
8108111300	.005	.020	.12	1.75	.005	.005	.10	1.80	5.	300.	.005	.019	.038	6.0	305.
8108111400	.005	.022	.20	1.75	.005	.005	.05	1.80	5.	310.	.005	.020	.038	6.8	300
8108111500	.005	.025	.20	1.75	.005	.005	.20	1.90	6.	320.	.005	.027	.028	6.2	315
8108111600	.005	.022	.20	1.70	.005	.005	.02	1.90	5.	305.	.005	.018	9999	6.0	315.
8108111700	.005	.018	.12	1.75	.005	.005	.15	1.95	6.	330.	.005	.030	9999	5.6	320.
8108111800	.005	.020	.12	1.75	.005	.005	.02	1.90	5.	335.	.010	.035	.023	4.5	330.
8108111900	.005	.015	.15	1.75	.005	.012	.02	1.90	3.	340.	.010	.040	9999	5.0	340.
8108112000	.005	.032	.20	1.80	.005	.020	.05	2.00	2.	335.	.033	.073	.002	1.5	330
8108112100	.005	.038	.20	1.90	.005	.038	.30	1.80	8888	8888	.076	.115	.002	8888	8888
8108112200	.030	.070	.55	2.25	.040	.070	.35	1.85	8888	8888	.140	.150	.010	8888	8888
8108112300	.045	.090	.75	2.55	.070	.090	.60	2.00	8888	8888	.085	.120	9999	8888	8888

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY----------*						*-----ROBY ELEMENTRY SCHOOL-----*				
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108120000	.069	.105	.90	3.25	.036	.065	.40	1.95	8888	8888	.205	.235	.002	8888	8888
8108120100	.095	.135	1.05	3.10	.022	.050	.35	2.00	8888	8888	.110	.125	.002	8888	8888
8108120200	.090	.120	.93	3.65	.020	.042	.25	2.10	8888	8888	.155	.175	9999	8888	8888
8108120300	.076	.105	1.00	4.15	.034	.055	.40	2.40	1.	55.	.090	.105	9999	.9	320
8108120400	.105	.133	1.02	4.25	.021	.038	.40	2.25	8888	8888	.083	.095	9999	8888	8888
8108120500	.140	.165	1.20	4.60	.028	.048	.30	2.05	8888	8888	.092	.100	.008	8888	8888
8108120600	.185	.205	1.35	4.30	.070	.095	.65	2.10	8888	8888	.075	.105	.002	8888	8888
8108120700	.205	.250	1.45	3.60	.140	.175	.95	2.90	8888	8888	.043	.055	.006	1.5	225
8108120800	.110	.205	1.45	3.30	.055	.105	.75	2.65	1.	275.	.034	.049	.011	1.8	290
8108120900	.017	.105	1.25	2.75	.010	.030	.25	2.00	2.	360.	.013	.034	.023	1.4	35.
8108121000	.005	.040	.40	1.95	.005	.005	.05	1.75	3.	5.	.005	.018	.039	3.3	50
8108121100	.005	.012	.15	1.75	.005	.005	.05	1.70	3.	340.	.005	.005	.050	3.4	165
8108121200	.005	.014	.15	1.75	.005	.005	.05	1.75	3.	160.	.005	.005	.065	3.2	180.
8108121300	.005	.016	.20	1.75	.005	.005	.05	1.75	3.	60.	.005	.005	.068	4.0	195.
8108121400	.005	.037	.30	1.78	.005	.010	.05	1.77	3.	85.	.005	.011	.073	3.7	255.
8108121500	.005	.045	.25	1.80	.005	.010	.05	1.80	3.	40.	.005	.013	.080	2.8	270
8108121600	.005	.027	.20	1.72	.005	.010	.05	1.75	4.	45.	.005	.016	9999	3.6	280.
8108121700	.005	.015	.12	1.70	.005	.005	9999	9999	4.	335.	.005	.032	9999	3.7	300.
8108121800	.005	.015	.15	1.70	.005	.005	.02	1.80	3.	10.	.005	.058	9999	2.2	305.
8108121900	.005	.023	.23	1.78	.005	.016	.07	1.90	2.	15.	.053	.115	9999	1.0	315.
8108122000	.023	.076	.40	2.05	.010	.037	.25	1.92	8888	8888	9999	9999	9999	8888	8888
8108122100	.060	.112	.73	2.75	.075	.105	.70	2.05	8888	8888	.025	.080	9999	8888	8888
8108122200	.080	.126	.90	2.90	.082	.112	.80	2.10	8888	8888	.210	.250	9999	8888	8888
8108122300	.087	.130	1.10	3.50	.090	.115	.70	2.20	8888	8888	.140	.185	9999	8888	8888
8108130000	.126	.166	1.20	3.43	.070	.095	.70	2.35	8888	8888	.097	.115	9999	8888	8888
8108130100	.112	.145	1.22	4.08	.087	.112	.65	2.20	8888	8888	.095	.120	9999	8888	8888
8108130200	.069	.120	.92	3.93	.080	.100	.60	2.40	8888	8888	.036	.054	9999	8888	8888
8108130300	.092	.118	.88	3.63	.073	.089	.50	2.40	8888	8888	.078	.107	9999	8888	8888
8108130400	.154	.182	.96	4.08	.068	.084	.38	2.20	8888	8888	.075	.088	9999	8888	8888
8108130500	.135	.160	.92	7.00	.090	.112	.50	2.45	8888	8888	.082	.097	9999	8888	8888
8108130600	.113	.138	.82	4.80	.165	.190	.75	2.40	1.	50.	.120	.138	9999	8888	8888
8108130700	.162	.200	1.05	4.05	.138	.175	.65	2.80	2.	20.	.110	.125	9999	8888	8888
8108130800	.220	.290	2.07	4.38	.080	.120	.45	3.28	2.	40.	.097	.117	9999	1.3	295.
8108130900	.110	.188	.99	3.33	.060	.110	.50	3.00	1.	235.	.068	.095	.002	1.1	300.
8108131000	.018	.078	.67	2.58	.015	.080	.40	2.50	2.	260.	.021	.048	.020	2.2	270.
8108131100	.005	.076	.58	2.28	.005	.045	.15	2.00	3.	270.	.005	.018	.044	2.3	300.
8108131200	.005	.059	.48	2.13	9999	9999	9999	9999	3.	360.	.005	.010	.067	3.5	165.
8108131300	.005	.052	.46	2.05	.005	.026	.10	1.95	3.	55.	.005	.005	.066	3.9	360.
8108131400	9999	9999	9999	9999	.005	.017	.05	1.95	4.	50.	.005	.005	.060	3.1	45.
8108131500	.005	.040	9999	9999	.005	.014	.05	1.90	4.	60.	.005	.005	.060	2.9	150.
8108131600	.005	.033	.28	1.78	.005	.013	.05	1.90	4.	55.	.005	.005	.062	3.1	35.
8108131700	.005	.029	.23	1.75	.005	.012	.05	1.85	3	40.	.005	.005	.058	2.9	40.
8108131800	.005	.034	.25	1.78	.005	.014	.10	1.85	3.	50.	.005	.005	.056	2.6	45.
8108131900	.005	.052	.33	1.91	.005	.037	.25	1.90	2.	55.	.042	.070	9999	1.4	45.
8108132000	.005	.053	.36	1.93	.010	.075	.50	2.00	8888	8888	.078	.130	9999	1.0	325.
8108132100	.005	.074	.58	2.18	.018	.085	.65	2.05	8888	8888	.055	.100	9999	1.0	150.
8108132200	.060	.130	.74	2.23	.045	.092	.80	2.15	8888	8888	.090	.115	9999	8888	8888
8108132300	.068	.132	.76	2.98	.005	.035	.25	2.18	8888	8888	.087	.112	9999	8888	8888

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108140000	.061	.120	.80	3.23	.012	.050	.45	2.20	8888	8888	.150	.175	9999	8888	8888
8108140100	.075	.130	1.05	3.18	.005	.036	.35	2.15	8888	8808	.115	.147	9999	8888	8888
8108140200	.074	.142	1.24	5.23	.010	.040	.30	2.25	1.	40.	.053	.065	.002	1.2	115
8108140300	.080	.124	1.25	4.88	.012	.042	.35	2.40	8888	8888	.030	.040	.002	8888	8868
8108140400	.062	.098	.93	4.43	.015	.038	.30	2.35	8888	8888	.120	.138	.002	1.0	300.
8108140500	.055	.088	.67	3.53	.045	.072	.33	2.20	1.	30.	.077	.090	.002	8868	8888
8108140600	.030	.057	.44	2.63	.042	.070	.25	2.25	1.	30.	.180	.200	.002	8883	8888
8108140700	.068	.102	.74	2.63	.058	.084	.30	2.25	1.	45.	.095	.115	.002	2.2	75
8108140800	.033	.073	.51	2.48	.031	.063	.20	2.10	2.	50.	.014	.024	.006	2.1	60
8108140900	.005	.038	.38	1.93	.015	.058	.15	2.05	2.	115.	.005	.017	.015	2.0	45.
8108141000	.005	.033	.32	1.83	.012	.050	.12	1.95	3.	130.	.005	.005	.039	2.9	120.
8108141100	.005	.016	.23	1.73	.005	.025	.10	1.87	3.	155.	.005	.015	.046	4.6	180.
8108141200	.005	.015	.24	1.75	.005	.015	.05	1.85	3.	150.	.005	.011	.062	3.4	210
8108141300	.005	.015	.19	1.75	.005	.014	.05	1.90	4.	165.	.005	.005	.071	4.3	180.
8108141400	.005	.013	.17	1.68	.005	.016	.05	1.88	4.	160.	.005	.010	.066	4.9	220.
8108141500	.005	.020	.20	1.65	.005	.017	.05	1.85	3.	220.	.005	.018	.057	3.8	230.
8108141600	.005	.033	.23	1.65	.005	.026	.02	1.87	3.	245.	.005	.026	.040	4.6	250.
8108141700	.005	.016	.19	1.70	.005	.024	.02	1.85	4.	205.	.005	.022	.040	3.7	240.
8108141800	.005	.015	.20	1.73	.005	.020	.05	1.80	5.	185.	.005	.041	.021	3.1	190.
8108141900	.005	.021	.25	1.80	.005	.029	.05	1.80	4.	195.	.030	.070	.009	1.2	150
8108142000	.010	.065	.58	2.23	.010	.066	.20	1.93	2.	170.	.038	.079	.002	8888	6888
8108142100	.028	.087	.61	2.60	.048	.117	.38	2.50	2.	160.	.130	.180	.002	1.0	270.
8108142200	.052	.113	.69	3.03	.053	.110	.45	2.60	8888	8888	.072	.093	.002	1.5	45.
8108142300	.057	.118	.84	2.83	.105	.165	5.52	3.05	8888	8808	.043	.066	9999	1.3	210.
8108150000	.049	.094	.67	2.59	.065	.120	.60	2.84	3.	175.	.175	.195	9999	6668	6680
8108150100	.027	.073	.57	3.38	.030	.082	.40	2.88	2.	190.	.085	.105	9999	1.6	270.
8108150200	.015	.062	.48	3.63	.005	.050	.20	2.55	4.	205.	.067	.087	.002	1.0	240.
8108150300	.005	.030	.25	2.03	.005	.028	.02	1.95	6.	205.	.065	.095	.002	.9	250.
8108150400	.005	.037	.23	1.93	.005	.020	.02	1.95	6.	210.	.060	.087	.002	1.5	240.
8108150500	.005	.018	.19	1.88	.005	.020	.02	2.00	3.	225.	.027	.063	.002	2.0	295
8108150600	.005	.022	.29	1.90	.005	.018	.05	1.98	3.	360.	.013	.048	.005	2.2	255.
8108150700	.005	.020	.29	1.85	.005	.018	.02	1.80	2.	225.	.010	.035	.018	3.3	350.
8108150800	.005	.034	.47	1.95	.005	.020	.02	1.80	4.	240.	.005	.030	.023	2.9	225.
8108150900	.005	.021	.29	1.85	.005	.020	.02	1.80	5.	235.	.005	.032	9999	6.4	220.
8108151000	.005	.030	.27	1.90	.010	.040	.05	1.90	7.	235.	.005	.028	9999	7.0	240.
8108151100	.010	.034	.25	1.76	.005	.032	.05	1.85	8.	230.	.005	.030	9999	6.2	250.
8108151200	.011	.036	.23	1.68	.005	.030	.02	1.65	6.	240.	.005	.014	9999	8.0	235.
8108151300	.005	.027	.20	1.75	.005	.018	.02	1.65	6.	245.	.005	.012	9999	8.2	250.
8108151400	.005	.016	.20	1.68	.005	.018	.02	1.65	6.	230.	.005	.012	9999	7.6	255.
8108151500	.005	.015	.20	1.65	.005	.018	9999	9999	6.	235.	.005	.011	9999	5.9	260.
8108151600	.005	.012	.22	1.65	.005	.012	9999	9999	6.	260.	.005	.012	9999	6.2	255.
8108151700	.005	.010	.20	1.66	.005	.012	9999	9999	6.	250.	.005	.017	9999	4.4	270.
8108151800	.005	.010	.20	1.68	.005	.010	9999	9999	5.	260.	.005	.032	9999	3.1	265.
8108151900	.005	.024	.23	1.70	.005	.010	9999	9999	3.	290.	.011	.050	9999	3.6	280.
8108152000	.005	.015	.22	1.69	.005	.010	9999	9999	4.	15.	.015	.060	.002	1.2	315.
8108152100	.005	.027	.42	1.66	.005	.014	9999	9999	8888	8868	.015	.058	.008	2.7	30.
8108152200	.005	.035	.46	1.78	.017	.035	9999	9999	8888	8888	.005	.016	.027	2.4	55
8108152300	.005	.033	.32	1.80	.013	.038	9999	9999	1.	340	.005	.038	.009	1.6	60.

HOUR BEGINNING	*-BROADWAY MEDICAL BLDGS.-*				*----SEAGRAMS PROPERTY----*						*----ROBY ELEMENTRY SCHOOL----*				
YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108160000	.005	.025	.48	1.75	.010	.031	.12	1.80	2.	20.	.035	.065	9999	8888	8888
8108160100	.005	.012	.73	1.75	.005	.010	.07	1.82	2.	25.	.039	.068	9999	8888	8888
8108160200	.005	.010	1.50	1.80	.005	.010	.06	1.83	3.	20.	.062	.092	9999	1.0	40.
8108160300	.005	.005	1.50	1.78	.005	.005	.05	1.83	3.	25.	.005	.034	9999	2.2	40.
8108160400	.005	.005	1.43	1.75	.005	.005	.02	1.82	2.	20.	.005	.018	.012	3.5	40.
8108160500	.005	.005	.23	1.73	.005	.005	.02	1.82	2.	20.	.005	.019	.010	2.1	50.
8108160600	.005	.005	.48	1.75	.005	.005	.05	1.84	3.	30.	.005	.021	.008	3.9	30.
8108160700	.005	.010	.35	1.72	.005	.005	.05	1.80	7.	35.	.005	.014	.020	5.3	30.
8108160800	.005	.011	.19	1.67	.005	.005	.06	1.80	10.	20.	.005	.013	.025	5.6	30.
8108160900	.005	.010	.25	1.70	.005	.005	.07	1.83	5.	15.	.005	.012	.030	5.3	35.
8108161000	9999	9999	9999	9999	.005	.005	.05	1.82	4.	20.	.005	.016	.038	9.0	15.
8108161100	.005	.010	.25	1.67	.005	.005	.02	1.83	6.	20.	.005	.020	9999	8.2	20.
8108161200	.005	.010	.14	1.65	.005	.005	.05	1.84	5.	25.	.005	.017	9999	7.8	25.
8108161300	.005	.010	.16	1.63	.005	.005	.02	1.84	5.	25.	.005	9999	9999	8.7	20.
8108161400	.005	.010	.16	1.65	.005	.005	.05	1.88	7.	20.	.005	.011	.058	7.3	30.
8108161500	.005	.013	.19	1.68	.005	.005	.02	1.90	8.	25.	.005	.010	.055	8.2	25.
8108161600	.005	.012	.20	1.66	.005	.005	.05	1.84	9.	25.	.005	.014	.050	10.6	20.
8108161700	.005	.013	.17	1.70	.005	.005	.05	1.80	9.	25.	.005	.015	.037	11.7	10.
8108161800	.005	.011	.19	1.70	.005	.005	.05	1.78	8.	20.	.005	.016	.032	11.0	10.
8108161900	.005	.012	.20	1.72	.005	.005	.05	1.77	6.	20.	.005	.022	.022	8.0	15.
8108162000	.005	.015	.25	1.72	.005	.005	.05	1.78	5.	20.	.005	.033	.012	7.2	20.
8108162100	.005	.014	.18	1.75	.005	.005	.02	1.80	5.	20.	.005	.021	.018	6.4	30.
8108162200	.005	.013	.25	1.77	.005	.005	.05	1.82	4.	25.	.005	.022	.010	6.3	30.
8108162300	.005	.010	.20	1.78	.005	.005	.07	1.84	4.	20.	.005	.026	.007	5.2	30.
8108170000	.005	.012	.15	1.80	.005	.005	.05	1.82	4.	20.	.005	.012	.020	6.3	35.
8108170100	.005	.010	.10	1.73	.005	.005	.02	1.80	4.	30.	.005	.005	.021	5.5	35.
8108170200	.005	.005	.13	1.70	.005	.005	.02	1.80	5.	40.	.005	.005	.023	5.0	30.
8108170300	.005	.010	.18	1.70	.005	.005	.02	1.80	5.	40.	.005	.005	.023	5.2	30.
8108170400	.005	.015	.13	1.70	.005	.005	.02	1.80	6.	50.	.005	.005	.024	5.6	30.
8108170500	.005	.020	.15	1.70	.005	.005	.06	1.80	6.	40.	.005	.005	.024	5.0	30.
8108170600	.010	.037	.23	1.70	.005	.010	.08	1.83	5.	45.	.005	.005	.018	5.3	35.
8108170700	.017	.042	.23	1.70	.005	.012	.05	1.80	7.	45	.005	.005	.017	5.4	40.
8108170800	.012	.033	.25	1.70	.005	.011	.05	1.80	6.	40.	.0C5	.005	.017	6.3	45.
8108170900	.012	.028	.23	1.68	.005	.011	.05	1.80	8.	40.	.005	.005	.017	7.3	50
8108171000	.005	.025	.18	1.68	.005	.011	.05	1.80	8.	45.	.005	.005	9999	7.5	55.
8108171100	.010	.025	.20	1.68	.005	.011	.05	1.80	7.	50.	.005	.005	9999	7.7	60.
8108171200	.005	.020	.18	1.68	.005	.010	.05	1.80	7.	45.	.005	.005	.038	8.5	55
8108171300	9999	9999	9999	9999	.005	.010	.05	1.70	8.	50.	.005	.005	.060	9.1	60.
8108171400	.005	.018	.15	1.65	.005	.005	.05	1.70	8.	50.	.005	.005	.045	9.9	55.
8108171500	.005	.018	.20	1.65	.005	.005	.07	1.80	8.	40.	.005	.005	9999	9.2	45.
8108171600	.005	.020	.20	1.65	.005	.005	.05	1.80	8.	35.	9999	9999	9999	8.0	45.
8108171700	.005	.017	.15	1.63	.005	.005	.06	1.80	7.	45.	9999	9999	9999	7.9	45
8108171800	.005	.013	.15	1.65	.005	.011	.08	1.75	6.	45.	.005	.005	9999	5.8	35
8108171900	.005	.023	.20	1.70	.005	.018	.12	1.80	4.	40.	.005	.005	9999	3.5	35.
8108172000	.005	.035	.23	1.75	.005	.027	.15	1.83	3.	35.	.005	.020	.018	3.4	35.
8108172100	.005	.032	.15	1.78	.005	.013	.10	1.90	3.	30.	.010	.045	.002	4.2	40
8108172200	.005	.030	.15	1.75	.005	.015	.09	1.95	2.	35.	.040	.063	.002	3.7	40
8108172300	.005	.033	.15	1.78	.005	.005	.09	1.95	2.	25.	.010	.040	.005	2.6	45

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY----------*						*-----ROBY ELEMENTRY SCHOOL-----*				
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108180000	.005	.027	.29	2.00	.005	.011	.10	2.05	2.	360.	.017	.048	.002	2.0	45.
8108180100	.005	.020	.36	2.05	.005	.016	.07	2.00	3.	15.	.015	.052	.002	3.2	45.
8108180200	.005	.019	7.24	2.03	.005	.019	.10	2.00	3.	20.	.010	.040	.002	2.6	55.
8108180300	.005	.017	4.45	1.95	.005	.020	.08	2.00	4.	20.	.005	.028	.007	5.1	35.
8108180400	.005	.019	3.43	2.00	.005	.015	.12	2.00	4.	20.	.011	.043	.002	4.4	45.
8108180500	.005	.028	1.59	2.00	.005	.015	.13	2.00	4.	15.	.005	.037	.002	4.2	40.
8108180600	.022	.052	1.37	1.97	.005	.016	.15	1.98	4.	15.	.005	.032	.002	4.0	35.
8108180700	.029	.056	.44	1.90	.005	.019	.12	1.90	4.	20.	.005	.021	.013	5.2	40.
8108180800	.018	.039	.29	1.80	.005	.015	.10	1.90	5.	35.	.005	.005	.024	5.5	45.
8108180900	.012	.034	.25	1.78	.005	.015	.10	1.87	5.	50.	.005	.010	.029	5.3	55.
8108181000	.010	.036	.36	1.75	9999	9999	9999	9999	6.	45.	9999	9999	9999	6.4	55.
8108181100	.005	.030	.25	1.73	.005	.012	.13	1.83	6.	50.	.005	.005	.044	5.7	55.
8108181200	.005	.020	.20	1.75	.005	.005	.07	1.83	6.	50.	.005	.005	.053	6.1	45.
8108181300	.005	.019	.19	1.72	.005	.005	.07	1.80	6.	50.	.005	.005	.054	6.5	40.
8108181400	.005	.020	.25	1.70	.005	.010	.08	1.82	6.	45.	.005	.005	.062	6.3	80
8108181500	.005	.018	.27	1.70	.005	.005	.07	1.85	6.	55.	.005	.005	.064	5.2	90.
8108181600	.005	.020	.20	1.72	.005	.005	.10	1.83	6.	45.	.005	.005	.068	5.7	50.
8108181700	.005	.018	.19	1.70	.005	.012	.10	1.83	6.	30.	.005	.005	.068	5.9	60.
8108181800	.005	.021	.19	1.73	.005	.015	.13	1.83	5.	35.	.005	.005	.066	3.8	40.
8108181900	.005	.027	.22	1.78	.005	.017	.13	1.83	4	30	.005	.012	.063	5.5	30.
8108182000	.005	.033	.27	1.85	.005	.014	.13	1.85	3.	20.	.005	.024	.044	3.8	45.
8108182100	.005	.034	.42	1.90	.005	.010	.12	1.90	3.	20.	.005	.012	.052	3.3	40.
8108182200	.005	.035	.23	1.92	.005	.010	.10	1.89	3.	25.	.005	.011	.047	1.9	50.
8108182300	.005	.026	.19	1.87	.005	.015	.10	1.92	2.	45.	.005	.035	.015	2.7	40.
8108190000	.005	.020	.18	1.92	.005	.010	.10	1.95	3.	45.	.005	.032	.013	3.6	40.
8108190100	.005	.014	.20	2.00	.005	.010	.10	1.92	2.	25.	.005	.023	.015	2.3	50.
8108190200	.005	.029	.22	1.90	.005	.005	.12	1.90	2.	40.	.005	.022	.018	2.2	55.
8108190300	.005	.020	.18	1.95	.005	.005	.14	1.98	2.	40.	.011	.038	.006	1.0	330
8108190400	.005	.019	.20	1.92	.005	.010	.12	1.95	3.	25.	.013	.043	.002	2.6	360.
8108190500	.005	.029	.23	1.87	.005	.013	.15	1.95	2.	40.	.005	.029	.009	2.6	35.
8108190600	.016	.055	.25	1.90	.005	.023	.15	1.95	3.	35.	.005	.020	.012	3.2	25.
8108190700	.022	.058	.42	1.95	.005	.018	.13	1.90	4.	40.	.010	.030	.007	3.8	30.
8108190800	.013	.047	.29	1.88	.005	.018	.15	1.92	3.	40.	.005	.024	.010	4.5	30
8108190900	.016	.044	.30	1.90	.005	.016	.13	1.95	4.	35.	.005	.005	.025	4.2	40
8108191000	.010	.038	.27	1.87	.005	.014	.12	1.95	3.	55.	.005	.005	.027	3.5	45
8108191100	.010	.035	.25	1.85	.005	.013	.10	1.98	3.	55.	.011	.030	.015	4.5	20.
8108191200	.010	.042	.35	1.90	.005	.012	.10	1.95	3.	80.	.005	.026	.026	5.0	35.
8108191300	.005	.025	.27	1.80	.005	.005	.07	1.90	5.	35.	.005	.013	.048	4.3	55.
8108191400	.005	.014	.20	1.75	.005	.005	9999	9999	5.	70.	.005	.005	.056	4.8	60.
8108191500	.005	.019	.25	1.70	.005	.005	.07	1.87	5.	65.	.005	.005	.058	3.7	55.
8108191600	.005	.022	.19	1.72	.005	.005	.08	1.85	6.	45.	.005	.005	.062	3.8	65.
8108191700	.005	.017	.16	1.73	.005	.005	.10	1.83	6.	50.	.005	.005	.057	3.0	85.
8108191800	.005	.025	.19	1.75	.005	.014	.12	1.80	5.	40.	.005	.022	.039	1.4	25.
8108191900	.005	.034	.20	1.90	.005	.016	.13	1.80	3.	20.	.062	.123	.002	1.1	350.
8108192000	.005	.051	.31	2.00	.005	.014	.15	1.83	2.	25.	.031	.058	.012	1.1	120.
8108192100	.005	.063	.32	2.10	.002	.031	.23	1.90	2.	30.	.012	.033	.002	.9	90.
8108192200	.010	.076	.34	2.12	.005	.034	.25	1.92	2.	35.	.083	.117	.002	1.0	120.
8108192300	.028	.092	.48	2.35	.005	.045	.30	2.00	1.	35.	.030	.048	.002	.9	105.

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*-----SEAGRAMS PROPERTY-----* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*-----ROBY ELEMENTRY SCHOOL-----* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108200000	.005	.058	.41	2.55	.005	.021	.15	1.97	2.	15.	.033	.048	.002	1.2	90.
8108200100	.005	.032	.48	2.65	.005	.023	.13	1.98	2.	20	.050	.070	.002	2.0	120.
8108200200	.005	.025	.44	2.25	.005	.018	.10	2.02	3.	20.	.017	.028	.002	1.0	110.
8108200300	.005	.020	.29	2.20	.005	.017	.10	2.05	3.	20.	.029	.048	.002	2.0	65.
8108200400	.005	.029	.22	2.15	.005	.015	.08	2.00	3.	25.	.050	.085	.002	2.4	80.
8108200500	.018	.054	.22	2.25	.005	.016	.10	1.98	4.	20.	.050	.082	.002	2.2	65.
8108200600	.033	.070	.57	2.20	.005	.020	.12	1.98	3.	25.	.043	.078	.002	3.2	35.
8108200700	.035	.072	.41	2.05	.005	.024	.13	1.91	3.	25.	.060	.098	.002	3.8	35.
8108200800	.016	.043	.29	1.95	.005	.025	.13	1.93	3.	30.	.010	.025	.022	4.4	40.
8108200900	.010	.033	.25	1.90	.005	.016	.10	1.93	4.	35.	.005	.012	.038	4.6	50.
8108201000	.005	.027	.35	1.85	9999	9999	.10	1.95	4.	30.	.005	.005	.048	4.0	45.
8108201100	.005	.018	.20	1.78	9999	9999	.08	1.90	5.	35.	.005	.005	.066	5.2	50.
8108201200	9999	9999	9999	9999	9999	9999	.05	1.87	6.	40.	.005	.005	.067	6.5	50.
8108201300	.005	.020	.22	1.70	9999	9999	.05	1.87	5.	70.	.005	.005	.070	6.0	45.
8108201400	.005	.018	.18	1.70	.005	.005	.05	1.85	5.	45.	.005	.005	.074	7.0	50.
8108201500	.005	.022	.18	1.70	.005	.005	.07	1.81	6.	45.	.005	.005	.075	5.6	40
8108201600	.005	.021	.20	1.70	.005	.011	.07	1.83	5.	55.	.005	.005	.073	5.4	60.
8108201700	.005	.017	.16	1.72	.005	.012	.12	1.81	5.	50.	.005	.005	.067	4.5	45.
8108201800	.005	.023	.21	1.75	.005	.018	.15	1.81	3.	50.	.005	.005	.063	4.0	35.
8108201900	.005	.030	.26	1.80	.005	.025	.15	1.83	3.	40.	.005	.005	.058	2.8	35.
8108202000	.005	.054	.25	1.85	.005	.024	.13	1.87	2.	35.	.005	.005	.052	2.6	30.
8108202100	.005	.052	.27	1.90	.005	.016	.10	1.87	3.	20.	.005	.016	.042	1.8	40.
8108202200	.005	.047	.37	2.00	.005	.010	.10	1.90	3.	25.	.005	.020	.031	1.4	120
8108202300	.005	.036	.40	2.05	.005	.010	.07	1.93	2.	25.	.020	.042	.021	1.1	10.
8108210000	.005	.030	.48	2.13	.005	.013	.12	1.90	2.	20.	.063	.115	.002	1.9	45.
8108210100	.005	.022	.38	2.10	.005	.012	.10	1.90	2.	25.	.005	.038	.015	3.5	40.
8108210200	.005	.018	.35	2.10	.005	.011	.10	1.90	3	25.	.005	.055	.002	2.5	50.
8108210300	.005	.021	.33	2.00	.005	.014	.10	1.95	3.	20.	.040	.085	.002	1.5	50.
8108210400	.005	.026	.45	2.05	.005	.012	.10	2.00	3.	20.	.013	.053	.002	2.2	60.
8108210500	.005	.039	.60	2.10	.005	.015	.12	2.05	3.	20.	.040	.082	.002	2.7	60
8108210600	.033	.075	.60	2.10	.005	.020	.13	2.10	3.	20.	.040	.080	.002	2.3	45.
8108210700	.033	.078	.60	2.15	.005	.022	.13	2.00	3.	25.	.038	.070	.008	3.2	55
8108210800	.012	.036	.30	2.90	.005	.019	.10	2.00	3.	60.	.005	.010	.034	5.0	95.
8108210900	.005	.028	.25	1.90	.005	.018	.12	2.00	3	115.	.005	.005	.045	4.8	120
8108211000	.005	.016	.23	1.75	.005	.015	.12	1.85	4.	145.	.005	.005	.053	4.3	165.
8108211100	.005	.013	.18	1.75	.005	.012	.10	1.85	4.	95.	.005	.005	.052	4.2	160.
8108211200	.005	.010	.18	1.70	.005	.011	.08	1.85	5.	110.	.005	.005	.054	5.4	120.
8108211300	.005	.011	.20	1.65	.005	.010	.05	1.80	6.	100.	.005	.005	.048	9.4	120.
8108211400	.005	.012	.15	1.60	.005	.010	.05	1.75	7.	95.	.005	.005	.046	9.5	115.
8108211500	.005	.014	.15	1.65	.005	.010	.07	1.75	7.	115.	9999	9999	.050	9.8	125.
8108211600	.005	.015	.15	1.65	.005	.010	.05	1.75	6.	110.	.005	.005	.050	8.7	125
3108211700	.005	.013	.15	1.62	.005	.010	.05	1.75	6.	90.	.005	.005	.049	7.6	120
8108211800	.005	.018	.15	1.70	.005	.013	.07	1.75	5.	70.	.005	.010	.045	5.5	120.
8108211900	.005	.032	.15	1.72	.005	.015	.10	1.75	4.	70.	.005	.010	.037	3.3	110
8108212000	.005	.035	.15	1.75	.005	.016	.10	1.80	3.	65.	.005	.010	.033	1.8	65.
8108212100	.005	.037	.23	1.72	.005	.020	.13	1.80	3.	60.	.005	.025	.022	2.2	90.
8108212200	.005	.041	.30	1.85	.005	.025	.15	1.87	1.	35	.043	.072	.002	1.7	45
8108212300	.013	.052	.30	2.05	.005	.030	.15	1.90	2.	30.	.023	.057	.002	3.8	45.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 27
DATE 10/08/81
TIME 12.03.32

HOUR	BROADWAY MEDICAL BLDGS.				SEAGRAMS PROPERTY						ROBY ELEMENTRY SCHOOL				
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108220000	.005	.035	.25	1.95	.005	.022	.13	1.90	2.	25.	.013	.045	.002	2.4	45.
8108220100	.005	.030	.25	2.05	.005	.015	.10	1.90	2.	20.	.014	.046	.002	2.8	50.
8108220200	.005	.025	.23	2.05	.005	.018	.05	1.90	2.	25.	.014	.045	.002	1.4	50.
8108220300	.005	.025	.20	2.00	.005	.018	.07	1.90	1.	15.	.018	.048	.002	8888	8888
8108220400	.005	.025	.30	2.25	.005	.020	.10	1.95	1.	20.	.016	.040	.002	8888	8888
8108220500	.005	.030	.55	2.15	.005	.021	.10	2.00	2.	30.	.033	.053	.002	1.2	95.
8108220600	.025	.052	.35	2.15	.005	.030	.12	2.00	2.	25.	.040	.057	.002	8888	8888
8108220700	.013	.038	.30	2.05	.005	.018	.10	1.90	2.	25.	.063	.087	.002	2.0	50
8108220800	.013	.035	.27	2.00	.005	.016	.13	1.90	2.	40.	.005	.024	.016	2.2	120.
8108220900	9999	9999	9999	9999	.005	.018	.15	1.90	2.	10.	.005	.023	.025	1.5	120.
8108221000	9999	9999	9999	9999	.005	.010	.05	1.85	3.	360.	.005	.015	.040	2.4	210.
8108221100	9999	9999	9999	9999	.005	.005	.05	1.80	2.	360.	.005	.015	.049	4.8	240.
8108221200	.005	.025	9999	9999	.005	.005	.07	1.80	3.	10.	.005	.017	.047	5.0	290
8108221300	.005	.023	.20	1.70	.005	.010	.05	1.80	3.	320.	.005	.025	.046	4.7	300
8108221400	.005	.018	.20	1.65	.005	.005	.05	1.80	3.	340.	.005	.012	.073	5.3	340.
8108221500	.005	.010	.23	1.65	.005	.005	.02	1.80	4.	30.	.005	.010	.074	5.5	355.
8108221600	.005	.005	.15	1.65	.005	.005	.02	1.80	4.	25.	.005	.010	.099	5.2	60.
8108221700	.005	.005	.15	1.65	.005	.005	.05	1.80	3.	35.	.005	.010	.120	3.6	55.
8108221800	.005	.015	.15	1.65	.005	.012	.10	1.80	3.	65.	.005	.012	.100	3.2	70.
8108221900	.005	.033	.25	1.75	.005	.029	.22	1.80	2.	55.	.010	.075	.030	8888	8888
8108222000	.005	.045	.35	1.95	.005	.030	.25	1.80	8888	8888	.075	.150	.002	8888	8888
8108222100	.042	.107	.75	2.55	.005	.028	.25	1.90	8888	8888	.020	.060	.007	8888	8888
8108222200	.090	.160	.80	2.50	.060	.110	.65	2.15	1.	35.	.132	.175	.002	1.4	320
8108222300	.095	.145	1.00	2.90	.035	.085	.50	2.10	8888	8888	.022	.058	.002	1.2	200
8108230000	.110	.178	1.00	3.50	.037	.080	.50	2.05	1.	35.	.155	.195	.002	8888	8888
8108230100	.130	.190	.80	3.80	.033	.060	.45	2.12	1.	5.	.100	.125	.002	8888	8888
8108230200	.135	.160	.70	3.45	.005	.020	.18	2.00	1.	20.	.060	.083	.002	8888	8888
8108230300	.080	.115	.70	3.40	.005	.015	.13	2.00	8888	8888	.043	.052	.002	8888	8888
8108230400	.110	.145	.90	4.60	.005	.020	.12	2.15	1.	15.	.022	.033	.002	8888	8888
8108230500	.105	.135	.75	4.60	.005	.020	.10	2.15	2.	30.	.025	.037	.002	1.3	250.
8108230600	.100	.128	.75	4.65	.005	.022	.13	2.25	1.	25.	.021	.042	.002	1.8	295.
8108230700	.095	.120	.57	7.23	.016	.050	.20	2.20	8888	8888	.011	.020	.002	1.0	310.
8108230800	.055	.115	.63	6.00	.019	.042	.25	2.30	1.	295.	.027	.043	.002	1.6	165.
8108230900	.028	.090	.38	3.80	.010	.038	.20	2.10	1.	245.	.018	.038	.017	2.0	210.
8108231000	9999	9999	9999	9999	.005	.030	.15	2.00	3.	240.	.005	.017	.045	3.0	215.
8108231100	.005	.025	.20	2.00	.005	.033	.10	1.90	3.	220.	.005	.012	.057	4.5	245.
8108231200	.005	.022	.13	1.80	.005	.015	.10	1.87	3.	300.	.005	.010	.059	5.2	250.
8108231300	.005	.020	.05	1.70	.005	.011	.05	1.80	3.	270.	.005	.010	.060	4.2	275.
8108231400	.005	.022	.06	1.70	.005	.005	.05	1.80	4.	255.	.005	.013	.054	5.2	270.
8108231500	.005	.015	.08	1.70	.005	.005	.02	1.80	5.	290.	.005	.025	.055	6.1	295.
8108231600	.005	.015	.06	1.70	.005	.005	.05	1.80	4.	295.	.005	.028	.049	5.9	280.
8108231700	.005	.012	.02	1.65	.005	.005	.05	1.85	4.	305.	.005	.040	.042	5.5	275.
8108231800	.005	.015	.02	1.70	.005	.005	.07	1.90	3.	325.	.012	.062	.018	3.0	235.
8108231900	.005	.022	.08	1.75	.005	.013	.05	1.90	2.	320.	.083	.145	.002	1.2	290.
8108232000	.020	.035	.23	1.90	.020	.055	.35	1.90	8888	8888	.068	.115	.002	8888	8888
8108232100	.048	.105	.38	2.50	.013	.062	.40	1.97	8888	8888	.017	.057	.002	1.0	120.
8108232200	.028	.080	.50	2.60	.010	.064	.40	2.00	8888	8888	.070	.125	.002	1.1	260.
8108232300	.035	.098	.55	3.10	.005	.035	.35	1.93	8888	8888	.135	.180	.002	1.0	280.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 28
DATE 10/03/81
TIME 12 03.32

HOUR	*-BROADWAY MEDICAL BLDGS.-*				*-----------SEAGRAMS PROPERTY----------*						*-----ROBY ELEMENTRY SCHOOL-----*				
BEGINNING	NO	NOX	NMOC	CH4	NO	NOX	NMOC	CH4	WS	WD	NO	NOX	O3	WS	WD
YYMMDDHH	PPM	PPM	PPMC	PPMC	PPM	PPM	PPMC	PPMC	MPH	DEG	PPM	PPM	PPM	MPH	DEG
8108240000	.051	.106	.95	3.75	.005	.038	.35	2.03	8888	8888	.065	.095	.002	1.0	250.
8108240100	.053	.100	1.00	4.05	.005	.030	.25	2.00	8888	8888	.054	.076	.002	1.6	310.
8108240200	.044	.085	.95	3.90	.005	.025	.20	2.10	8888	8888	.055	.074	.002	8888	8888
8108240300	.040	.076	.93	4.25	.005	.030	.37	2.40	8888	8888	.063	.080	.002	8888	8888
8108240400	.043	.078	.82	4.15	.015	.040	.40	2.30	8888	8888	.036	.045	.002	8888	8888
8108240500	.031	.115	.95	5.10	.035	.060	.35	2.25	1.	30.	.053	.062	.002	8888	8888
8108240600	.140	.170	1.15	5.60	.080	.100	.40	2.20	1.	35.	.090	.099	.002	8888	8888
8108240700	.220	.255	1.43	4.05	.045	.075	.37	2.10	8888	8888	.078	.095	.002	1.0	150.
8108240800	.202	.260	1.75	4.50	.015	.045	.30	2.10	1.	45.	.087	.111	.002	1.1	225.
8108240900	.060	.155	.93	2.70	.010	.040	.35	2.12	2.	50.	9999	9999	9999	2.0	150.
8108241000	.016	.090	.85	2.20	.005	.020	.20	2.00	2.	25.	.005	.033	.035	2.2	250.
8108241100	.005	.028	.32	1.75	.005	.005	.05	1.80	3.	15.	.005	.026	.048	3.1	225.
8108241200	.005	.014	.25	1.68	.005	.005	.07	1.80	4.	10.	.005	.013	.064	4.1	270.
8108241300	.005	.016	.25	1.65	.005	.005	.05	1.80	4.	360.	.005	.012	.080	4.6	360.
8108241400	.005	.021	.20	1.65	.005	.005	.05	1.80	4.	20.	.005	.015	.117	2.9	40.
8108241500	.005	.019	.19	1.65	.005	.005	.02	1.80	4.	35.	.005	.014	.122	3.8	35.
8108241600	.005	.018	.15	1.65	.005	.005	.05	1.80	5.	50.	.005	.010	.119	3.5	45.
8108241700	.005	.020	.16	1.67	.005	.005	.07	1.78	5.	50.	.005	.005	.036	4.0	55.
8108241800	.005	.018	.19	1.70	.005	.010	.10	1.78	4.	50.	.005	.005	.077	2.6	40.
8108241900	.005	.035	.28	1.75	.005	.035	.25	1.82	2.	50.	.005	.005	.065	2.2	35.
8108242000	.005	.043	.30	1.87	.005	.040	.35	1.90	2.	45.	.005	.026	.025	1.6	60.
8108242100	.015	.072	.38	2.10	.005	.020	.25	1.85	8888	8888	.105	.123	.002	8888	8888
8108242200	.027	.077	.51	2.38	.005	.025	.25	1.82	8888	8888	.065	.125	.002	8888	8888
8108242300	.050	.095	.55	2.75	.005	.040	.30	1.87	8888	8888	.005	.075	.005	8888	8888
8108250000	.030	.120	.61	2.75	.010	.045	.35	2.05	8888	8888	.025	.038	.002	8888	8888
8108250100	.060	.093	.57	2.80	.010	.040	.30	2.10	8888	8888	.005	.017	.002	8888	8888
8108250200	.095	.123	.57	2.95	.005	.030	.15	2.05	2.	40.	.005	.020	.002	8888	8888
8108250300	.020	.044	.29	2.35	.005	.023	.10	2.15	2.	35.	.030	.045	.002	8888	8888
8108250400	.023	.045	.29	2.40	.005	.035	.07	2.05	2.	40.	.022	.035	.002	8888	8888
8108250500	.021	.050	2.32	2.30	.005	.023	.05	1.95	2.	25.	.155	.170	.002	8888	8888
8108250600	.068	.090	2.25	2.40	.005	.030	.10	1.90	2.	35.	.180	.205	.002	8888	8888
8108250700	.100	.140	.65	2.45	.028	.050	.20	1.95	2.	20.	.175	.200	.002	8888	8888
8108250800	.042	.090	.52	2.10	.012	.037	.10	1.90	2.	30.	.075	.100	.006	1.5	120
8108250900	.018	.062	.36	2.00	.010	.035	.25	1.90	2.	55.	.005	.010	.042	2.5	75
8108251000	.005	.036	.25	1.85	.005	.018	.08	1.85	3.	55.	.005	.005	.064	4.6	70.
8108251100	.005	.016	.23	1.72	.005	.010	.05	1.80	3.	90.	.005	.005	.077	4.4	85.
8108251200	.005	.010	.20	1.70	.005	.005	.02	1.80	4.	50.	.005	.005	.078	4.7	80
8108251300	.005	.014	.23	1.70	.005	.005	.02	1.80	5.	55.	.005	.005	.078	4.5	40.
8108251400	.005	.015	.20	1.67	.005	.005	.02	1.80	5.	90.	.005	.005	.075	6.0	25
8108251500	.005	.014	.16	1.65	.005	.005	.02	1.80	4.	60.	.005	.005	.077	5.6	40.
8108251600	.005	.016	.14	1.65	.005	.005	.02	1.80	5.	70.	.005	.005	.075	4.8	50.
8108251700	.005	.013	.16	1.67	.005	.005	.02	1.80	4.	65.	.005	.005	.075	4.6	55.
8108251800	.005	.021	.22	1.75	.005	.012	.05	1.80	4.	60.	.005	.005	.072	3.5	55.
8108251900	.005	.026	.23	1.75	.005	.020	.10	1.82	3.	70.	.005	.005	.065	2.2	50.
8108252000	.005	.030	.28	1.80	.005	.025	9999	9999	3.	70.	.005	.012	.049	2.6	90.
8108252100	.005	.033	.23	1.87	.005	.025	.10	1.90	2.	65.	9999	9999	.025	1.2	120
8108252200	.005	.030	.25	1.92	.005	.025	.15	1.95	8888	8888	9999	9999	.002	1.3	70.
8108252300	.005	.022	.20	1.95	.005	.040	.25	2.05	8888	8888	9999	9999	.013	1.1	60.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 29
DATE 10/08/81
TIME 12 03 32

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108260000	.005	.030	.20	1.95	.005	.025	.15	2.00	8008	8008	9999	9999	.002	.8	90
8108260100	.005	.025	.15	1.93	.005	.050	.20	2.05	1.	360.	9999	9999	.002	1.3	90
8108260200	.005	.025	.20	2.00	.018	.055	.20	2.05	1.	360.	9999	9999	.002	1.4	210
8108260300	.005	.018	.20	2.10	.005	.040	.15	2.10	1.	30.	9999	9999	.002	1.2	60
8108260400	.005	.032	.30	2.25	.005	.040	.30	2.20	1.	60.	9999	9999	.002	1.0	75
8108260500	.005	.030	.35	2.25	.010	.040	.25	2.25	1.	30.	9999	9999	.002	.5	60
8108260600	.040	.085	.60	2.35	.100	.130	.45	2.20	2.	40.	9999	9999	.002	1.2	45
8108260700	.050	.100	.75	2.35	.078	.100	.40	2.25	1.	55.	9999	9999	.002	.9	45
8108260800	.035	.070	.50	2.00	.035	.100	.35	2.20	2.	140.	9999	9999	.008	1.1	360
8108260900	.005	.025	.25	1.80	.010	.060	.25	2.05	2.	115.	9999	9999	.040	2.0	170
8108261000	.005	.012	.20	1.70	.005	.028	.05	1.90	3.	140.	9999	9999	.068	3.2	170
8108261100	.005	.005	.15	1.68	.005	.011	.05	1.80	3.	150.	9999	9999	.075	4.8	210
8108261200	.005	.005	.15	1.65	.005	.005	.02	1.80	4.	130.	9999	9999	.078	4.2	135
8108261300	.005	.005	.15	1.65	.005	.005	.02	1.80	4.	125.	9999	9999	.075	6.0	210
8108261400	.005	.012	.15	1.65	.005	.005	.02	1.80	5.	135.	.005	.005	.078	6.8	220
8108261500	.005	.012	.15	1.65	.005	.005	.05	1.80	4.	130.	.005	.005	.075	7.2	215
8108261600	.005	.012	.15	1.65	.005	.005	.05	1.80	4.	125.	.005	.010	.075	8.6	210
8108261700	.005	.012	.15	1.68	.005	.010	.05	1.80	3.	125.	.005	.016	.065	8.0	200
8108261800	.005	.018	.25	2.65	.005	.013	.05	2.10	5.	180.	.005	.023	.053	4.3	180
8108261900	.005	.023	.30	3.10	.005	.022	.10	3.20	4.	185.	.005	.025	.038	1.9	155
8108262000	.005	.050	.40	3.10	.005	.050	.20	3.10	2.	165.	.100	.165	.002	.8	360
8108262100	.005	.048	.40	2.40	.005	.060	.20	2.60	2.	160.	.150	.190	.002	1.2	45
8108262200	.005	.030	.30	2.05	.005	.040	.10	2.25	2.	155.	.105	.160	.002	1.0	360
8108262300	.005	.020	.25	2.00	.005	.032	.10	2.20	2.	165.	.100	.150	.002	1.3	60
8108270000	.005	.015	.20	1.98	.005	.020	.05	2.10	2.	160.	.100	.180	.002	1.0	60
8108270100	.005	.025	.25	2.25	.005	.022	.10	2.20	2.	165.	.095	.130	.002	2.8	210
8108270200	.005	.027	.25	2.50	.005	.030	.05	2.55	2.	155.	.060	.090	.002	1.5	210
8108270300	.005	.018	.15	2.25	.005	.020	.15	2.40	3.	190.	.110	.130	.002	3.0	195
8108270400	.005	.020	.20	1.95	.005	.023	.02	2.00	6.	210.	.030	.050	.007	2.8	210
8108270500	.005	.028	.15	1.90	.005	.033	.05	1.90	5.	205.	.065	.100	.002	1.1	270
8108270600	.005	.038	.30	1.95	.012	.050	.15	1.95	3.	170.	.060	.080	.007	1.7	170
8108270700	.005	.035	.35	1.95	.005	.040	.18	2.00	4.	180.	.005	.030	.017	3.0	200
8108270800	.005	.020	.25	1.85	.005	.034	.15	2.00	4.	180.	.005	.023	.030	5.5	200
8108270900	.005	.020	.25	1.73	.005	.030	.15	1.80	7.	210.	.005	.018	.040	8.1	210
8108271000	.005	.028	.15	1.70	.005	.035	.10	1.80	5.	200.	.005	.013	.050	6.3	220
8108271100	.005	.020	.20	1.70	.005	.035	.05	1.80	6.	195.	.005	.013	.055	6.7	235
8108271200	.005	.015	.15	1.73	.005	.023	.05	1.80	6.	215.	.005	.013	.063	10.0	215
8108271300	.005	.012	.20	1.70	.005	.020	.05	1.80	7.	210.	.005	.018	.053	10.0	215
8108271400	.005	.015	.20	1.75	.005	.028	.10	1.80	8.	210.	.005	.015	.053	8.0	225
8108271500	9999	9999	9999	9999	.005	.020	.10	1.80	6.	220.	.005	.015	.053	6.6	240
8108271600	.005	.023	.15	1.70	.005	.018	.02	1.80	4.	215.	.005	.013	.058	5.4	210
8108271700	.005	.020	.15	1.70	.005	.027	.05	1.80	5.	200.	.005	.005	.062	3.0	175
8108271800	.005	.018	.15	1.75	.005	.036	.05	1.80	4.	240.	.005	.015	.055	6.6	170
8108271900	.005	.018	.20	1.75	.005	.035	.05	1.80	5.	220.	.005	.015	.045	3.6	185
8108272000	.005	.025	.20	1.82	.005	.020	.05	1.80	2.	90.	.015	.055	.007	.9	300
8108272100	.005	.040	.25	1.90	.005	.025	.10	1.85	1	115	.005	.025	.015	1.7	90
8108272200	.005	.038	.30	1.90	.005	.035	.10	1.95	1.	140.	.005	.005	.023	2.4	90
8108272300	.005	.030	.20	1.85	.005	.035	.05	2.00	1.	150.	.005	.005	.023	1.4	75

HOUR	*-BROADWAY MEDICAL BLDGS.			-*	*-----------	SEAGRAMS PROPERTY				----------*	*-----ROBY ELEMENTRY SCHOOL				-----*
BEGINNING YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8108280000	.005	.020	.20	1.87	.005	.020	.02	1.95	1.	140.	.005	.005	.018	.6	150.
8108280100	.005	.013	.15	1.82	.005	.020	.05	2.00	2.	150.	.035	.065	.002	.8	300
8108280200	.005	.005	.15	1.80	.005	.014	.02	2.00	2.	170.	.015	.040	.010	1.2	100
8108280300	.005	.005	.10	1.80	.005	.012	.02	2.00	2.	175.	.005	.005	.015	1.3	120.
8108280400	.005	.005	.10	1.62	.005	.011	.02	1.90	3.	180.	.005	.005	.020	1.7	90
8108280500	.005	.013	.15	1.80	.005	.020	.02	1.90	2.	170.	.005	.015	.015	.7	45.
8108280600	.005	.030	.25	1.83	.010	.040	.10	1.90	3.	170.	.040	.075	.002	1.0	150.
8108280700	.012	.043	.40	1.90	.012	.052	.20	1.95	2.	175.	.018	.035	.010	1.7	165.
8108280800	.020	.050	.40	2.00	.018	.063	.25	2.00	3.	205.	.005	.030	.013	4.1	195.
8108280900	.005	.028	.25	1.80	.011	.042	.10	1.90	5.	200.	.005	.015	.032	5.2	195.
8108281000	.005	.018	.22	1.75	.005	.030	.05	1.80	6.	200.	.005	.010	.050	7.0	200.
8108281100	9999	9999	9999	9999	.005	.028	.02	1.80	6.	220.	.005	.005	.060	7.0	205.
8108281200	.005	.005	.15	1.65	.005	.013	.02	1.80	7.	205.	.005	.005	.065	8.0	190.
8108281300	.005	.005	.15	1.65	.005	.010	.02	1.80	7.	185.	.005	.010	.065	10.8	190.
8108281400	.005	.012	.15	1.65	.005	.015	.02	1.80	6.	190.	.005	.005	.065	9.8	180.
8108281500	.005	.012	.15	1.68	.005	.014	.02	1.80	7.	180.	.005	.005	.063	8.7	180.
8108281600	.005	.015	.15	1.70	.005	.015	.02	1.80	7.	185.	.005	.005	.065	5.6	160.
8108281700	.005	.022	.18	1.70	.005	.020	.02	1.85	5.	180.	.005	.005	.060	4.2	150.
8108281800	.005	.022	.18	1.70	.005	.028	.05	1.85	4.	175.	.005	.015	.055	2.5	150.
8108281900	.005	.025	.22	1.73	.005	.030	.05	1.90	4.	175.	.005	.015	.053	2.7	150.
8108282000	.005	.030	.25	1.85	.005	.030	.05	1.95	4.	170.	.005	.013	.035	2.0	130.
8108282100	.005	.033	.32	2.05	.005	.032	.05	2.15	4.	165.	.050	.110	.002	1.0	330.
8108282200	.005	.043	.30	2.20	.005	.028	.05	2.10	3.	210.	.055	.110	.002	1.8	315.
8108282300	.005	.027	.20	1.75	.005	.005	.02	1.80	4.	305.	.065	.110	.002	1.0	350.
8108290000	.055	.019	.20	1.75	.005	.005	.02	1.80	2.	15.	.020	.055	.002	2.2	160.
8108290100	.055	.017	.25	1.85	.005	.005	.02	1.80	2.	50.	.010	.038	.002	1.7	120.
8108290200	.005	.014	.20	1.90	.005	.012	.05	1.80	1.	160.	.020	.055	.002	.6	280.
8108290300	.005	.024	.20	2.05	.005	.014	.05	1.90	2.	335.	.065	.092	.002	.5	290.
8108290400	.005	.030	.35	2.20	.005	.015	.05	1.95	2.	40.	.053	.083	.002	.9	285.
8108290500	.005	.028	.30	2.25	.005	.018	.05	1.90	1.	130.	.050	.077	.002	1.6	240.
8108290600	.005	.029	.30	2.95	.005	.038	.12	2.25	2.	160.	.005	.026	.020	3.0	200.
8108290700	.005	.038	.30	3.05	.012	.047	.10	2.90	2.	140.	.010	.043	.006	1.8	180.
8108290800	.005	.035	.35	2.50	.015	.050	.20	2.55	3.	160.	.005	.030	.020	4.0	205.
8108290900	.005	.028	.20	2.00	.010	.037	.12	2.10	4.	185.	.005	.018	.036	5.6	200.
8108291000	.005	.020	.20	1.75	.005	.028	.05	1.85	5.	200.	.005	.013	.049	8.2	225.
8108291100	.005	.017	.15	1.70	.005	.022	.02	1.80	6.	210.	.005	.012	.052	5.6	240.
8108291200	.005	.015	.12	1.70	.005	.020	.02	1.80	6.	190.	.005	.012	.059	3.5	190.
8108291300	.005	.010	.15	1.70	.005	.012	.02	1.80	6.	190.	.005	.010	.058	9.1	180.
8108291400	.005	.010	.15	1.75	.005	.012	.02	1.80	5.	160.	.005	.010	.062	9.9	180.
8108291500	.005	.015	.15	1.72	.005	.013	.02	1.75	5.	85.	.005	.005	.063	9.4	120
8108291600	.005	.014	.12	1.70	.005	.015	.02	1.75	3.	110.	.005	.005	.058	8.7	75.
8108291700	.005	.011	.12	1.65	.005	.013	.05	1.75	5.	120.	.005	.010	.054	6.8	125.
8108291800	.005	.013	.15	1.70	.005	.017	.02	1.80	3.	180.	.005	.005	.044	2.5	115.
8108291900	.005	.035	.33	1.95	.005	.032	.05	1.85	2.	230.	.005	.015	.022	1.6	55.
8108292000	.010	.065	.50	2.75	.005	.052	.07	2.10	4.	190.	.065	.095	.002	1.3	180.
8108292100	.016	.063	.40	3.30	.005	.050	.15	2.20	4.	180.	.070	.105	.002	1.1	270.
8108292200	.005	.042	.35	2.50	.010	.046	.25	2.35	2.	170.	.075	.090	.002	1.3	290.
8108292300	.005	.028	.25	2.15	.005	.033	1.70	2.00	3.	160.	.043	.068	.002	1.0	235.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR	BROADWAY MEDICAL BLDGS.				SEAGRAMS PROPERTY						ROBY ELEMENTRY SCHOOL				
BEGINNING	NO	NOX	NMOC	CH4	NO	NOX	NMOC	CH4	WS	WD	NO	NOX	O3	WS	WD
YYMMDDHH	PPM	PPM	PPMC	PPMC	PPM	PPM	PPMC	PPMC	MPH	DEG	PPM	PPM	PPM	MPH	DEG
8108300000	.005	.029	.30	2.05	.005	.032	1.45	2.10	2.	140.	.040	.065	.002	.5	115.
8108300100	.005	.030	.30	2.35	.010	.042	.10	2.35	2.	125.	.055	.075	.002	.6	360.
8108300200	.005	.020	.20	2.05	.005	.033	.60	2.30	2.	155.	.062	.072	.002	.5	120.
8108300300	.005	.018	.22	2.25	.005	.030	.05	2.40	1.	140.	.080	.110	.002	.7	360.
8108300400	.005	.015	.20	2.10	.005	.019	.17	2.25	2.	160.	.078	.093	.002	1.0	60.
8108300500	.005	.012	.20	2.15	.005	.020	.20	2.25	1.	145.	.037	.045	.002	1.1	90.
8108300600	.005	.015	.20	2.15	.005	.020	.02	2.30	2.	150.	.043	.078	.002	.5	190.
8108300700	.005	.012	.20	2.12	.005	.019	.05	2.10	4.	165.	.120	.135	.002	1.6	210.
8108300800	.005	.014	.15	2.05	.005	.019	.05	1.95	4.	190.	.005	.012	.019	6.6	200.
8108300900	.005	.019	9999	9999	.005	.025	.02	1.90	5.	210.	.005	.010	.027	6.3	215.
8108301000	.010	.030	.15	1.72	.010	.032	.02	1.80	5.	200.	.005	.010	.038	4.6	250.
8108301100	.005	.024	.17	1.70	.005	.028	.02	1.80	4.	210.	.005	.010	.054	4.0	240.
8108301200	.005	.015	.10	1.67	.005	.022	.02	1.80	5.	230.	.005	.010	.062	5.1	230.
8108301300	.005	.005	.10	1.65	.005	.015	.02	1.80	5.	210.	.005	.010	.060	5.8	215.
8108301400	.005	.005	.12	1.67	.005	.005	.02	1.80	5.	175.	.005	.012	.064	8.0	210.
8108301500	.005	.005	.10	1.65	.005	.005	.02	1.80	5.	200.	.005	.014	.057	8.0	210.
8108301600	.005	.005	.12	1.68	.005	.005	.02	1.75	8.	210.	.005	.015	.052	8.2	225.
8108301700	.005	.005	.12	1.67	.005	.005	.02	1.70	7.	210.	.005	.018	.044	6.2	230.
8108301800	.005	.010	.15	1.70	.005	.015	.02	1.75	6.	205.	9999	9999	9999	4.6	225.
8108301900	.005	.016	.15	1.77	.005	.015	.02	1.75	5.	215.	.012	.055	.009	2.0	240.
8108302000	.005	.022	.20	1.80	.005	.011	.02	1.80	4.	225.	.037	.087	.002	1.2	180.
8108302100	.005	.034	.30	1.85	.005	.020	.05	1.85	2.	185.	.005	.030	.002	1.7	95.
8108302200	.005	.046	.35	2.30	.005	.038	.15	1.90	8888	8888	.097	.130	.002	.8	270.
8108302300	.015	.057	.50	2.85	.010	.053	.12	2.30	2.	170.	.058	.078	.002	1.0	155.
8108310000	.012	.055	.45	2.80	.005	.038	.12	2.30	2.	160.	.065	.080	.002	.8	315.
8108310100	.020	.058	.50	3.40	.005	.035	.15	2.65	2.	200.	.042	.050	.002	1.5	120.
8108310200	.032	.068	.45	4.50	.005	.033	.15	2.60	1.	140.	.070	.092	.002	1.0	180.
8108310300	.018	.050	.40	3.25	.013	.041	.12	3.05	8888	8888	.057	.072	.002	1.0	90.
8108310400	.005	.030	.35	2.75	.005	.034	.12	2.70	2.	145.	.020	.040	.002	.7	180.
8108310500	.005	.029	.25	2.10	.018	.040	.05	2.30	1.	150.	.140	.155	.002	1.0	60.
8108310600	.021	.043	.40	2.05	.038	.065	.25	2.15	2.	150.	.115	.125	.002	.7	270.
8108310700	.030	.059	.50	2.40	.035	.070	.35	2.15	4.	190.	.090	.095	.002	1.1	295.
8108310800	.010	.038	.35	2.40	.033	.070	.20	2.20	4.	200.	.024	.038	.005	1.7	300.
8108310900	.005	.020	.25	1.80	.012	.045	.10	1.85	7.	210.	.005	.013	.024	6.2	215.
8108311000	.005	.010	.20	1.65	.005	.028	.02	1.70	8.	205.	.005	.010	.035	8.2	225.
8108311100	.005	.010	.18	1.65	.005	.010	.02	1.70	7.	220.	.005	.010	.042	8.4	220.
8108311200	.005	.005	.15	1.65	.005	.005	.02	1.70	7.	220.	.005	.010	.040	9.6	215.
8108311300	.005	.005	.15	1.62	.005	.005	9999	9999	7.	210.	.005	.010	.042	9.8	220.
8108311400	.005	.005	.20	1.60	.005	.010	9999	9999	7.	195.	.005	.010	.043	7.3	210.
8108311500	9999	9999	.15	1.60	.005	.011	9999	9999	5.	185.	.005	.011	.044	7.1	240.
8108311600	9999	9999	.12	1.60	.005	.010	9999	9999	6.	200.	.005	.015	.042	6.0	220.
8108311700	9999	9999	.12	1.65	.005	.012	9999	9999	5.	200.	.005	.013	.049	5.7	185.
8108311800	9999	9999	.15	1.70	.005	.013	9999	9999	5.	190.	.005	.029	.029	3.8	190.
8108311900	9999	9999	.35	1.85	.005	.032	9999	9999	4.	175.	.033	.083	.002	1.0	240.
8108312000	9999	9999	.30	1.90	.005	.030	9999	9999	3.	180.	.022	.053	.002	1.8	130.
8108312100	9999	9999	.25	1.92	.005	.033	.23	2.05	4.	185.	.018	.048	.005	2.2	205.
8108312200	9999	9999	.20	1.80	.005	.025	.19	1.85	4.	180.	.035	.068	.002	2.3	195.
8108312300	9999	9999	.20	1.85	.005	.020	.12	1.85	4.	195.	.010	.037	.010	3.8	210.

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. ND PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	RODY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8109010000	9999	9999	.20	2.05	.005	.015	..10	1.95	4.	210.	.015	.052	.006	2.4	185
8109010100	9999	9999	.15	1.85	.005	.015	.12	1.85	4.	225.	.015	.047	.002	2.2	205.
8109010200	9999	9999	.15	1.80	.005	.012	.10	1.80	5.	220.	.028	.055	.002	2.0	240.
8109010300	9999	9999	.15	1.80	.005	.013	.10	1.80	5.	215.	.023	.052	.002	1.6	235.
8109010400	9999	9999	.12	1.80	.005	.015	.10	1.80	7.	205.	.041	.067	.002	2.9	220.
8109010500	9999	9999	.17	1.80	.005	.032	.15	1.80	6.	215.	.032	.056	.002	2.7	190.
8109010600	9999	9999	.25	1.75	.011	.042	.35	1.80	7.	210.	.025	.048	.002	2.9	205.
8109010700	9999	9999	.30	1.75	.005	.033	.30	1.75	8.	205.	.014	.036	.005	4.5	190.
8109010800	9999	9999	.25	1.70	.016	.040	.15	1.70	7.	195.	.005	.018	.010	7.2	200.
8109010900	9999	9999	.20	1.70	.015	.035	.15	1.70	6.	190.	.005	.016	.013	7.0	210.
8109011000	9999	9999	.20	1.70	.010	.032	.25	1.70	6.	200.	.005	.016	.014	6.4	225.
8109011100	9999	9999	.15	1.70	.010	.027	.15	1.70	7.	205.	.005	.012	.024	9.8	180.
8109011200	9999	9999	.15	1.65	.012	.034	.15	1.65	8.	215.	.005	.014	.027	11.0	185.
8109011300	9999	9999	.20	1.65	.005	.020	.15	1.70	8.	215.	.005	.010	.035	9.3	200.
8109011400	9999	9999	.33	1.75	.005	.022	.25	1.70	7.	230.	.005	.018	.024	8.7	185.
8109011500	9999	9999	.40	1.80	.010	.037	.35	1.70	4.	225.	.005	.011	.029	8.2	185.
8109011600	.010	.042	.30	1.90	.005	.028	.30	1.75	4.	230.	.005	.012	.030	8.8	195.
8109011700	.005	.015	.15	1.65	.005	.030	.25	1.70	5.	220.	.005	.017	.030	10.0	190.
8109011800	.005	.015	.18	1.65	.005	.011	.10	1.65	8.	220.	.005	.010	.023	8.7	200.
8109011900	.005	.014	.18	1.70	.005	.025	.15	1.65	4.	210.	.005	.005	.018	3.5	150.
8109012000	.005	.028	.20	1.60	.005	.035	.20	1.80	3.	175.	.024	.042	.006	1.5	190.
8109012100	.005	.025	.20	1.70	.005	.030	.20	1.80	3.	180.	.043	.070	.002	1.9	195.
8109012200	.010	.036	.20	2.05	.005	.030	.20.	1.90	4.	180.	.058	.080	.002	1.4	270.
8109012300	.013	.040	.20	2.20	.010	.037	.20	2.10	3.	170.	.053	.076	.002	.9	270.
8109020000	.011	.035	.25	2.35	.015	.036	.25	2.15	2.	180.	.075	.095	.002	.8	290.
8109020100	.012	.034	.30	2.25	.015	.037	.25	2.15	2.	180.	.065	.080	.002	1.1	220.
8109020200	.011	.032	.25	2.25	.016	.035	.25	2.20	2.	160.	.067	.080	.002	.8	60.
8109020300	.005	.022	.20	1.95	.015	.033	.20	2.20	2.	170.	.070	.083	.002	.6	135.
8109020400	.010	.026	.20	2.05	.012	.032	.15	2.10	2.	160.	.038	.055	.002	1.0	150
8109020500	.005	.019	.15	1.85	.010	.030	.15	1.95	2.	155.	.051	.062	.002	1.7	60.
8109020600	.005	.028	.25	1.75	.018	.040	.20	1.85	3.	170.	.020	.040	.005	4.0	120.
8109020700	.005	.032	.30	1.75	.016	.039	.20	1.80	3.	150.	.005	.014	.009	1.7	80.
8109020800	.010	.037	.35	1.95	.025	.053	.35	1.85	3.	180.	.005	.010	.006	2.7	95.
8109020900	.010	.035	.35	1.85	9999	9999	9999	9999	3.	135.	.005	.010	9999	3.1	105.
8109021000	.005	.026	.30	1.80	.010	.030	.15	1.70	7.	120.	.005	.005	9999	5.6	165
8109021100	.005	.024	.25	1.75	.005	.022	.10	1.70	6.	130.	.005	.005	.019	4.8	170.
8109021200	.005	.018	.20	1.70	.005	.020	.10	1.70	1.	145.	9999	9999	.021	6.0	160.
8109021300	.005	.022	.20	1.70	.005	.023	.12	1.70	5.	150.	9999	9999	.023	5.3	165.
8109021400	.005	.016	.20	1.70	.010	.031	.15	1.70	9.	160.	9999	9999	.023	4.8	165.
8109021500	.005	.023	.22	1.70	.010	.034	.20	1.70	8.	180.	.005	.019	.016	7.0	190.
8109021600	.005	.030	.25	1.90	.005	.029	.20	1.75	7.	180.	.010	.030	.007	4.0	200.
8109021700	.005	.018	.15	1.85	.005	.020	.15	1.80	5.	185.	.010	.027	.008	4.3	200.
8109021800	.005	.023	.20	2.10	.005	.030	.15	2.00	7.	180.	.010	.029	.006	3.8	195.
8109021900	.005	.026	.25	2.05	.005	.028	.25	1.95	7.	175.	.027	.052	.002	2.0	190.
8109022000	.005	.032	.30	2.25	.012	.037	.25	2.10	8.	170.	.013	.032	.002	1.6	120.
8109022100	.015	.040	.30	2.90	.015	.039	.20	2.45	8.	185.	.039	.060	.002	1.4	180.
8109022200	.019	.044	.35	2.50	.020	.042	.30	2.35	7.	180.	.037	.057	.002	1.6	195.
8109022300	.022	.045	.45	2.85	.015	.038	.35	2.40	7.	175.	.045	.065	.002	2.1	215.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 33
DATE 10/08/81
TIME 12 03 32

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8109030000	.010	.033	.30	2.45	.010	.028	.25	2.40	7.	210.	.020	.038	.002	1.5	240.
8109030100	.005	.022	.35	2.10	.005	.022	.25	2.00	7.	190.	.024	.046	.002	2.6	190.
8109030200	.005	.025	.35	2.60	.005	.029	.25	2.20	7.	170.	.005	.028	.002	1.5	195
8109030300	.005	.028	.30	2.65	.005	.030	.20	2.40	7.	195.	.013	.036	.002	1.9	195.
8109030400	.005	.027	.25	2.50	.005	.015	.15	1.90	7.	255.	.030	.055	.002	1.7	210.
8109030500	.005	.028	.25	1.90	.005	.015	.15	1.80	6.	280.	.025	.045	.002	2.4	215.
8109030600	.019	.042	.40	1.90	.005	.020	.25	1.75	7.	315.	.030	.050	.002	2.2	230.
8109030700	.030	.060	.70	2.00	.010	.030	.15	1.70	7.	280.	.028	.047	.002	1.5	240.
8109030800	.005	.030	.45	1.90	.010	.026	.20	1.75	5.	255.	.012	.027	.005	2.4	250.
8109030900	.005	.026	.30	1.85	9999	9999	9999	9999	5799	9999	.014	.032	.008	4.5	260.
8109031000	.005	.026	.30	1.85	9999	9999	9999	9999	4.	250.	9999	9999	9999	4.5	280.
8109031100	.005	.025	.30	1.80	.005	.012	.10	1.70	5.	235.	.005	.022	.017	4.0	250.
8109031200	9999	9999	9999	9999	.005	.016	.10	1.70	6.	230.	.005	.020	.023	6.0	260.
8109031300	.005	.021	.25	1.90	.005	.015	.10	1.75	6.	230.	.005	.012	.038	5.3	270.
8109031400	.005	.020	.20	1.85	.005	.014	.15	1.80	4.	240.	.005	.013	.046	5.7	270.
8109031500	.005	.016	.30	1.80	.005	.012	.10	1.80	5.	260.	.005	.012	.048	5.8	270.
8109031600	.005	.010	.20	1.75	.005	.010	.10	1.75	6.	255.	.005	.015	.046	5.7	275.
8109031700	.005	.013	.20	1.75	.005	.005	.15	1.80	6.	290.	.005	.025	.037	5.5	285.
8109031800	.005	.012	.15	1.70	.005	.005	.15	2.05	6.	310.	.005	.042	.020	3.3	280.
8109031900	.005	.011	.12	1.70	.005	.005	.10	2.40	4.	305.	.016	.052	.006	3.2	330.
8109032000	.005	.019	.20	1.75	.005	.005	.10	2.05	4.	325.	.005	.031	.012	4.7	345.
8109032100	.005	.015	.15	1.75	.005	.010	.10	1.90	3.	295.	.005	.030	.012	4.0	315.
8109032200	.005	.014	.20	1.80	.005	.010	.15	2.20	2.	305.	.012	.039	.008	2.7	300.
8109032300	.005	.011	.15	1.80	.005	.005	.10	2.30	2.	295.	.025	.055	.002	2.1	275.
8109040000	.005	.010	.20	1.90	.005	.010	.10	1.80	1.	255.	.022	.043	.002	2.6	305.
8109040100	.005	.018	.20	2.05	.005	.012	.15	1.80	4.	260.	.023	.044	.002	1.7	295.
8109040200	.005	.021	.45	2.25	.005	.011	.15	1.80	2.	250.	.020	.040	.002	1.4	265.
8109040300	.005	.017	.30	2.25	.005	.015	.15	1.85	2.	270.	.024	.042	.002	2.4	270.
8109040400	.005	.020	.20	2.15	.005	.015	.15	1.85	2.	285.	.015	.030	.002	2.8	280.
8109040500	.005	.025	.25	2.05	.005	.017	.35	2.00	2.	270.	.012	.029	.005	3.0	315.
8109040600	.011	.033	.30	1.95	.005	.020	.25	1.85	2.	290.	.014	.030	.005	2.8	335.
8109040700	.013	.034	.30	1.90	.010	.022	.25	1.90	3.	250.	.010	.025	.008	3.5	300.
8109040800	.012	.042	.35	1.90	.005	.018	.15	1.80	3.	255.	.005	.021	.013	2.6	270.
8109040900	.020	.048	.35	1.90	.005	.020	.10	1.75	3.	250.	.005	.022	.012	3.0	340.
8109041000	9999	9999	.40	1.95	.005	.017	.10	1.75	2.	245.	.016	.042	.011	3.1	265.
8109041100	9999	9999	.35	1.90	.012	.036	.25	1.80	4.	205.	.010	.029	.025	3.0	180.
8109041200	9999	9999	.30	1.80	.005	.032	.30	1.80	3.	240.	.005	.010	.050	3.3	180.
8109041300	.005	.036	.30	1.80	.005	.024	.25	1.80	3.	240.	.005	.010	.058	3.2	230.
8109041400	.005	.040	.30	1.80	.005	.022	.20	1.80	3.	180.	.005	.010	.068	2.5	255.
8109041500	.005	.042	.35	1.80	.005	.018	.20	1.80	3.	315.	.005	.010	.080	3.2	300.
8109041600	.005	.050	.35	1.75	.005	.014	.15	1.80	3.	310.	.005	.010	.092	2.7	10.
8109041700	.005	.026	.20	1.70	.005	.005	.10	1.70	4.	20.	.005	.025	.072	1.8	315.
8109041800	.005	.029	.25	1.75	.005	.015	.10	1.70	4.	20.	.005	.054	.020	8888	8888
8109041900	.005	.036	.35	1.80	.005	.015	.12	1.70	3.	30.	.032	.093	.002	.9	270.
8109042000	.005	.032	.30	1.85	.005	.015	.12	1.75	3.	25.	.010	.060	.007	2.0	155.
8109042100	.005	.035	.25	1.85	.005	.010	.15	1.70	3.	30.	.044	.095	.002	3.0	20.
8109042200	.005	.040	.20	1.90	.005	.005	.10	1.75	3.	35.	.014	.065	.002	2.0	40.
8109042300	.005	.028	9999	9999	.005	.015	.15	1.80	2.	25.	.015	.045	.002	2.8	40.

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHM	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	RODY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8109050000	.005	.017	9999	9999	.005	.005	.09	1.75	3.	20.	.013	.036	.002	2.2	65.
8109050100	.005	.019	.30	1.90	.005	.025	.05	1.75	3.	20.	.005	.016	.005	1.5	90.
8109050200	.005	.030	.30	1.90	.013	.040	.05	1.80	3.	25.	.005	.018	.005	3.1	50.
8109050300	.005	.022	.35	1.90	.005	.028	.05	1.80	3.	25.	.025	.048	.002	2.6	45.
8109050400	.005	.013	.30	1.90	.005	.005	.05	1.77	3.	30.	.012	.037	.002	4.4	35.
8109050500	.005	.015	.27	1.90	.005	.005	.05	1.77	3.	20.	.005	.024	.005	4.0	50.
8109050600	.005	.018	.45	1.92	.005	.018	.10	1.80	3.	15.	.010	.027	.002	1.7	55.
8109050700	.005	.026	.40	1.85	.005	.018	.05	1.77	3.	20.	.016	.038	.005	3.2	30.
8109050800	.010	.025	.15	1.80	.005	.012	.05	1.73	3.	25.	.005	.019	.015	5.2	50.
8109050900	.005	.025	.15	1.75	.005	.013	.05	1.70	3.	30.	.005	.010	.029	4.7	60.
8109051000	.005	.029	.15	1.75	.005	.018	.05	1.70	4.	25.	.005	.005	.042	5.2	45.
8109051100	.005	.026	.10	1.70	.005	.018	.05	1.70	4.	35.	.005	.005	.048	5.0	20.
8109051200	.005	.022	.10	1.70	.005	.005	.02	1.70	4.	360.	.005	.005	.056	4.2	30.
8109051300	.005	.014	.15	1.70	.005	.005	.02	1.75	4.	360.	.005	.005	.057	4.3	15.
8109051400	.005	.011	.15	1.68	.005	.005	.02	1.73	3.	30.	.005	.005	.068	4.6	25.
8109051500	.005	.005	.15	1.65	.005	.005	.05	1.73	4.	40.	9999	9999	.087	7.2	30.
8109051600	.005	.012	.12	1.70	9999	9999	9999	9999	6.	20.	.005	.016	.074	5.0	25.
8109051700	.005	.015	.25	1.70	.005	.005	.02	1.75	6.	20.	.005	.025	.060	3.8	20.
8109051800	.005	.023	.25	1.75	.005	.013	.05	1.75	5.	15.	.005	.030	.038	6.4	20.
8109051900	.005	.016	.15	1.78	.005	.005	.05	1.75	4.	20.	.005	.023	.040	6.3	25.
8109052000	.005	.015	.25	1.80	.005	.005	.05	1.75	4.	20.	.005	.031	.027	5.4	30.
8109052100	.005	.021	.25	1.85	.005	.013	.12	1.77	3.	20.	.005	.030	.023	3.5	35.
8109052200	.005	.023	.30	1.90	.005	.025	.10	1.77	3.	25.	.005	.032	9999	1.9	60.
8109052300	.005	.024	.30	1.92	.005	.005	.10	1.80	3.	20.	.005	.033	9999	2.3	45.
8109060000	.005	.023	.35	2.05	.005	.016	.10	1.85	2.	15.	.013	.049	9999	2.3	50.
8109060100	.005	.025	.35	2.00	.005	.019	.10	1.90	3.	20.	.005	.028	.007	2.5	35.
8109060200	.005	.022	.40	2.00	.005	.015	.10	1.90	3.	15.	.005	.023	.012	1.8	50.
8109060300	.005	.024	.40	1.95	.005	.012	.10	1.82	3.	15.	.005	.014	.016	3.3	40.
8109060400	.005	.021	.25	1.95	.005	.020	.10	1.82	3.	15.	.005	.016	.012	2.2	40.
8109060500	.005	.021	.15	1.95	.005	.020	.10	1.80	3.	20.	.005	.027	.002	2.8	50.
8109060600	.005	.021	.30	1.92	.011	.025	.10	1.82	3.	15.	.005	.024	.002	3.8	45.
8109060700	.012	.026	.35	1.90	.013	.024	.10	1.80	4.	20.	.005	.023	.006	4.9	35.
8109060800	.005	.019	.25	1.85	.005	.012	.10	1.77	3.	25.	.005	.015	.015	4.4	45.
8109060900	.005	.020	.15	1.82	.005	.012	.10	1.75	5.	40.	9999	9999	.025	4.9	50.
8109061000	.005	.012	.15	1.80	.005	.010	.05	1.70	4.	30.	9999	9999	.032	6.0	30.
8109061100	.005	.011	.20	1.75	.005	.005	.10	1.70	6.	35.	9999	9999	.043	8.0	30.
8109061200	.005	.010	.20	1.75	.005	.005	.05	1.70	7.	30.	.005	.005	.054	6.4	40.
8109061300	.005	.013	.15	1.70	9999	9999	.05	1.72	7.	30.	.005	.005	.059	7.6	40.
8109061400	.005	.011	.15	1.70	9999	9999	9999	9999	6.	40.	.005	.005	.062	6.6	35.
8109061500	.005	.016	.15	1.70	9999	9999	.10	1.75	6.	45.	.005	.005	.061	7.0	35.
8109061600	.005	.032	.10	1.70	9999	9999	.05	1.75	5.	50.	.005	.005	.054	6.3	45.
8109061700	.005	.040	.15	1.70	.005	.014	.05	1.70	4.	25.	.005	.005	.058	4.3	50.
8109061800	.005	.023	.20	1.75	.005	.005	.05	1.70	4.	15.	.005	.005	.052	2.4	40.
8109061900	.005	.030	.25	1.75	.005	.013	.10	1.70	3.	10.	.045	.075	.015	1.3	340.
8109062000	.011	.055	.35	1.85	.005	.030	.15	1.75	1.	15.	.037	.072	.002	1.0	180.
8109062100	.023	.066	.30	2.05	.019	.050	.35	1.85	1.	40.	.092	.120	.002	8888	8888
8109062200	.005	.034	.35	2.05	.005	.018	.15	1.80	2.	20.	.100	.135	.002	1.0	180.
8109062300	.005	.034	.50	2.10	.005	.020	.15	1.90	2.	20.	.019	.050	.002	1.2	240.

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*-----SEAGRAMS PROPERTY-----* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*-----RODY ELEMENTRY SCHOOL-----* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8109070000	.005	.031	.50	2.20	.005	.020	.15	2.05	1.	10.	.081	.100	.002	1.4	65.
8109070100	.005	.023	.45	2.15	.005	.015	.10	2.00	2.	15.	.062	.078	.002	.8	135.
8109070200	.005	.020	.53	2.15	.005	.012	.10	2.00	2.	20.	.045	.053	.002	1.0	130.
8109070300	.005	.018	.30	2.25	.005	.015	.10	2.05	2.	20.	.044	.057	.002	8888	8888
8109070400	.005	.019	.40	2.10	.005	.013	.10	2.10	1.	20.	.080	.087	.002	.6	190.
8109070500	.005	.028	.40	2.30	.005	.015	.10	2.05	1.	30.	.060	.070	.002	.8	135.
8109070600	.010	.032	.45	2.35	.005	.012	.15	2.10	2.	20.	.070	.085	.002	.9	295.
8109070700	.005	.022	.40	2.05	.005	.011	.10	1.90	2.	15.	.080	.086	.002	1.2	70.
8109070800	.005	.020	.35	1.90	.005	.011	.10	1.80	2.	30.	.015	.031	.012	2.5	65.
8109070900	9999	9999	.30	1.85	.005	.013	.10	1.77	2.	120.	.005	.016	.022	1.9	360.
8109071000	9999	9999	9999	9999	.005	.012	.15	1.82	2.	110.	.005	.010	.035	2.4	150.
8109071100	9999	9999	.30	1.75	.005	.010	9999	9999	3.	200.	.005	.005	.055	2.6	120.
8109071200	9999	9999	.25	1.85	.005	.012	.15	1.90	4.	190.	.005	.005	.067	3.9	270.
8109071300	.005	.012	.25	1.85	.005	.010	.15	1.95	5.	250.	.005	.005	.067	4.2	240.
8109071400	.005	.014	.20	1.70	.005	.005	.10	1.85	6.	260.	.005	.012	.056	3.4	250.
8109071500	.005	.012	.20	1.75	.005	.012	.05	1.80	5.	275.	.005	.010	.058	3.3	285.
8109071600	.005	.015	.20	1.75	.005	.005	.02	1.75	5.	280.	.005	.015	.054	3.2	295.
8109071700	.005	.018	.20	1.75	.005	.005	.05	1.75	3.	300.	.010	.038	.025	2.6	315.
8109071800	.005	.014	.30	1.75	.005	.012	.10	1.75	3.	280.	.012	.057	.012	2.1	310.
8109071900	.005	.020	.30	1.85	.005	.017	.15	1.75	2.	260.	.040	.095	.002	.9	270.
8109072000	.005	.030	.50	2.10	.005	.035	.25	1.85	2.	250.	.027	.065	.002	1.4	240.
8109072100	.005	.034	.40	2.10	.005	.028	.20	1.95	2.	255.	.048	.077	.002	1.5	250.
8109072200	.005	.027	.60	2.20	.005	.016	.10	1.85	3.	270.	.026	.050	.002	2.0	280.
8109072300	.005	.017	.30	1.95	.005	.011	.15	1.80	4.	280.	.022	.047	.002	1.6	255.
8109080000	.005	.010	.24	1.76	.005	.005	.12	1.80	3.	280.	.018	.035	.005	2.0	250.
8109080100	.005	.013	.24	1.88	.005	.005	.10	1.70	2.	230.	.005	.016	.020	4.9	280.
8109080200	.005	.005	.20	1.83	.005	.013	.10	1.80	6.	215.	.005	.013	.042	3.8	240
8109080300	.005	.005	.20	1.75	.005	.013	.10	1.75	6.	220.	.005	.012	.032	3.0	205.
8109080400	.005	.017	.28	1.80	.005	.010	.25	1.85	5.	280.	.005	.017	.025	3.4	260.
8109080500	.005	.020	.23	1.73	.005	.005	.15	1.90	4.	330.	.005	.022	.022	7.7	335.
8109080600	.013	.038	.30	1.73	.005	.012	.25	2.05	5.	330.	.005	.021	.016	7.2	330.
8109080700	.018	.035	.28	1.73	.005	.015	.15	2.10	4.	320.	.005	.022	.012	6.0	330.
8109080800	.010	.027	.30	1.73	.005	.011	.15	1.85	6.	340.	.005	.015	.018	9.0	340
8109080900	.010	.027	.28	1.70	.005	.005	.10	1.75	7.	360.	.005	.017	.022	8.8	335.
8109081000	.005	.020	.35	1.67	.005	.005	.05	1.70	8.	10.	.005	.015	.035	10.0	10.
8109081100	.005	.017	.30	1.69	.005	.005	.10	1.70	8.	5.	.005	.012	.037	10.8	15.
8109081200	.005	.020	.27	1.65	.005	.005	.02	1.75	7.	360.	.005	.012	.038	10.0	345.
8109081300	.005	.023	.30	1.63	.005	.005	.05	1.80	7.	345.	.005	.014	.036	10.2	350.
8109081400	.005	.017	.25	1.63	.005	.005	.02	1.80	7.	350.	.005	.015	.035	10.0	315.
8109081500	.005	.020	.28	1.63	.005	.005	.02	1.90	7.	330.	.005	.018	.032	9.7	325.
8109081600	.005	.018	.20	1.63	.005	.005	.02	1.85	8.	305.	.005	.013	.036	10.4	310.
8109081700	.005	.013	.18	1.63	.005	.005	.15	1.80	7.	310.	.005	.021	.029	8.8	330.
8109081800	.005	.018	.23	1.63	.005	.005	.10	2.00	5.	330.	.005	.027	.020	5.5	325.
8109081900	.005	.015	.25	1.65	.005	.016	.02	2.30	4.	320.	.012	.045	.010	4.7	330.
8109082000	.005	.015	.25	1.65	.005	.020	.20	2.20	3.	310.	.023	.060	.002	3.8	325.
8109082100	.005	.020	.25	1.68	.005	.018	.15	2.40	3.	320.	.017	.052	.005	5.0	330.
8109082200	.005	.015	.20	1.68	.005	.022	.20	1.85	2.	290.	.019	.046	.006	5.0	335.
8109082300	.005	.013	.20	1.78	.005	.024	.23	1.85	2.	325.	.021	.052	.002	2.2	345.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	*---SEAGRAMS PROPERTY---* NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	*---ROBY ELEMENTRY SCHOOL---* NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8109090000	.005	.032	1.40	1.90	.005	.026	.70	1.95	1.	90.	.025	.050	.002	1.8	155.
8109090100	.005	.037	.35	2.05	.005	.022	.25	2.00	8888	8888	.020	.042	.002	.8	155.
8109090200	.005	.027	.50	2.35	.005	.018	.30	2.05	8888	8888	.080	.120	.002	8888	8888
8109090300	.014	.044	.70	3.05	.005	.020	.35	2.30	8888	8888	.115	.135	.002	8888	8888
8109090400	.030	.056	.85	3.75	.019	.040	1.20	2.50	8888	8888	.075	.090	.002	1.1	260.
8109090500	.050	.080	.65	3.05	.055	.070	.80	2.70	8888	8888	.095	.110	.002	1.3	270.
8109090600	.035	.062	.40	1.85	.110	.135	.70	2.30	8888	8888	.115	.125	.002	1.5	285.
8109090700	.035	.120	.70	1.95	.160	.200	.90	2.30	1.	45.	.058	.065	.002	1.3	250.
8109090800	.022	.055	.60	1.90	.010	.025	.10	1.80	5.	20.	.048	.070	.002	1.2	190.
8109090900	.014	.034	.45	1.75	.005	.017	.10	1.85	3.	10.	.026	.058	.012	3.0	50.
8109091000	.005	.028	.40	1.70	.005	.010	.10	1.70	4.	45.	.012	.052	.030	3.7	60.
8109091100	.005	.018	.30	1.65	.005	.005	.05	1.75	4.	320.	.005	.026	.040	4.1	10.
8109091200	.005	.014	.25	1.63	.005	.005	.02	1.65	4.	15.	.005	.013	.054	4.0	25.
8109091300	.005	.020	.25	1.63	.005	.005	.02	1.65	4.	25.	.005	.013	.060	5.8	360.
8109091400	.005	.017	.20	1.65	.005	.005	.02	1.68	4.	340.	.005	.012	.067	4.8	10.
8109091500	.005	.015	.25	1.65	.005	.005	.02	1.70	5.	15.	.005	.012	.067	5.0	360.
8109091600	.005	.016	.20	1.60	.005	.005	.02	1.70	4.	15.	.005	.013	.063	4.0	345.
8109091700	.005	.015	.20	1.65	.005	.005	.02	1.65	[illegible]	[illegible]	.005	.030	.035	3.0	320.
8109091800	.005	.019	.25	1.65	.005	.005	.02	1.70	3.	10.	.040	.085	.005	1.7	305.
8109091900	.022	.048	.40	1.90	.005	.005	.10	1.75	8888	8888	.060	.105	.002	1.2	120.
8109092000	.068	.125	.60	2.10	.080	.110	.55	1.90	8888	8888	.125	.155	.002	8888	8888
8109092100	.043	.090	.80	2.60	.025	.060	.30	1.85	8888	8888	.130	.165	.002	8888	8888
8109092200	.110	.160	.95	2.80	.070	.110	.50	2.10	8888	8888	.125	.150	.002	1.0	245.
8109092300	.145	.185	1.25	3.40	.090	.125	.45	2.10	8888	8888	.070	.095	.002	1.0	255.
8109100000	.095	.128	.95	3.15	.115	.145	.55	2.15	8888	8888	.075	.090	.002	1.0	280.
8109100100	.140	.170	.95	4.45	.105	.130	.80	2.60	8888	8888	.075	.085	.002	1.0	285.
8109100200	.142	.165	.85	7.00	.110	.135	.80	3.15	1.	45.	.056	.070	.002	1.5	295.
8109100300	.038	.110	.65	3.75	.105	.130	.70	3.40	8888	8888	.058	.068	.002	1.3	270.
8109100400	.065	.085	.70	3.05	.110	.132	.80	3.60	8888	8888	.060	.075	.002	1.2	280.
8109100500	.069	.085	.55	2.80	.125	.150	.75	4.00	8888	8888	.105	.110	.002	2.0	280.
8109100600	.140	.160	.70	3.15	.265	.290	1.35	4.20	1.	150.	.082	.086	.002	1.2	300.
8109100700	.170	.200	.90	2.80	.255	.300	.90	4.45	2.	170.	.069	.080	.002	2.0	260.
8109100800	.030	.130	.85	2.85	.120	.190	.85	3.15	5.	200.	.032	.050	.007	2.5	235.
8109100900	.010	.035	.40	1.85	.040	.090	.30	1.95	6.	225.	.010	.035	.017	4.8	230
8109101000	.005	.030	.30	1.75	.005	.020	.05	1.70	7.	240.	.005	.012	.046	7.8	245.
8109101100	.005	.020	.25	1.75	.005	.018	.02	1.70	7.	255.	.005	.011	.057	8.0	250.
8109101200	.005	.013	.28	1.70	.005	.012	.02	1.70	7.	250.	.005	.010	.063	7.6	240.
8109101300	.005	.020	.20	1.70	.005	.010	.02	1.70	8.	240.	.005	.012	.066	8.5	240.
8109101400	.005	.018	.25	1.70	.005	.010	.05	1.70	8.	240.	.005	.010	.072	9.3	250.
8109101500	.005	.015	.20	1.65	.005	.015	.05	1.70	7.	230.	.005	.012	.063	8.2	240.
8109101600	.005	.013	.20	1.65	.005	.010	.02	1.7C	7.	235.	.005	.010	.060	6.9	240.
8109101700	.005	.025	.20	1.70	.005	.005	.02	1.70	7.	240.	.005	.017	.050	5.2	240.
8109101800	.005	.040	.25	1.73	.005	.015	.10	1.65	5.	235.	.005	.042	.025	3.8	235.
8109101900	.005	.042	.35	1.85	.005	.020	.15	1.80	4.	230.	.110	.160	.002	1.0	290.
8109102000	.005	.052	.45	2.00	.005	.040	.40	2.00	4.	225.	.145	.195	.002	8888	8888
8109102100	.010	.062	.60	2.25	.005	.045	.35	2.05	2.	250.	.065	.095	.002	8888	8888
8109102200	.030	.086	.60	2.40	.052	.105	.50	2.25	1.	195.	.060	.090	.002	.7	165.
8109102300	.055	.116	.65	3.05	.052	.105	.65	2.35	2.	200.	.060	.085	.002	1.2	250.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8109110000	.059	.115	.80	3.65	.050	.095	.65	2.70	8888	8888	.057	.075	.002	1.1	280.
8109110100	.052	.095	.65	3.15	.075	.127	.70	3.35	1.	145.	.075	.105	.002	.7	275.
8109110200	.052	.090	.55	2.90	.075	.120	.55	3.80	1.	130.	.125	.150	.002	.8	290.
8109110300	.033	.078	.50	3.50	.052	.105	.45	3.35	2.	170.	.090	.105	.002	.9	290.
8109110400	.030	.068	.50	3.30	.050	.095	.30	3.55	1.	175.	.115	.135	.002	.9	285.
8109110500	.050	.082	.55	2.80	.095	.125	.70	3.75	1.	160.	.108	.125	.002	.5	280.
8109110600	.035	.120	.65	2.60	.210	.260	1.13	3.65	2.	170.	.140	.155	.002	1.7	300.
8109110700	.127	.168	.90	2.40	.210	.265	1.13	3.10	2.	165.	.080	.095	.002	1.2	240.
8109110800	.080	.140	.85	2.75	.105	.160	.85	2.40	3.	200.	.012	.032	.015	4.1	225.
8109110900	.025	.065	.40	1.95	.015	.048	.25	1.95	4.	230.	.005	.018	.030	5.0	215.
8109111000	.005	.032	.35	1.85	.005	.035	.10	1.70	5.	240.	.005	.010	.048	6.0	235.
8109111100	.005	.030	.25	1.80	9999	9999	9999	9999	5.	250.	.005	.005	.062	6.2	250.
8109111200	.005	.020	.25	1.70	.005	.015	.10	1.75	5.	235.	.005	.005	.062	5.4	260.
8109111300	.005	.012	.25	1.70	.005	.022	.10	1.80	5.	230.	.005	.005	.065	6.0	245.
8109111400	.005	.016	.25	1.65	.005	.020	.10	1.80	5.	225.	.005	.005	.062	5.8	240.
8109111500	.005	.023	.20	1.65	.005	.015	.10	1.80	6.	230.	.005	.012	.057	6.6	245.
8109111600	.005	.022	.25	1.70	.005	.020	.10	1.80	5.	220.	.005	.020	.048	5.3	235.
8109111700	.005	.025	.25	1.70	.005	.015	.10	1.75	5.	230.	.005	.040	.029	4.0	225.
8109111800	.005	.028	.30	1.75	.005	.025	.15	1.85	4.	230.	.014	.060	.010	2.6	210.
8109111900	.005	.042	.45	1.90	.005	.045	.30	1.95	3.	255.	.038	.075	.005	1.9	10.
8109112000	.005	.060	.60	2.15	.005	.042	.25	1.90	1.	275.	.029	.072	.002	.8	140.
8109112100	.055	.105	1.10	2.80	.035	.085	.35	1.90	1.	190.	.140	.170	.002	2.0	270.
8109112200	.090	.147	1.05	2.90	.090	.155	.70	2.45	1.	130.	.085	.115	.002	1.6	220.
8109112300	.078	.137	.90	4.15	.115	.170	.80	2.80	1.	180.	.075	.105	.002	1.3	215.
8109120000	.092	.145	.80	6.35	.100	.150	.90	3.25	1.	360.	.050	.070	.002	1.5	305
8109120100	.074	.118	.85	3.15	.110	.145	.95	3.45	8888	8888	.040	.060	.002	1.4	290.
8109120200	.078	.120	1.15	3.55	.090	.130	1.00	3.40	8888	8888	.038	.057	.002	8888	8888
8109120300	.068	.105	.85	3.40	.095	.135	.85	3.25	8888	8888	.055	.067	.002	.7	240.
8109120400	.059	.096	.60	3.30	.105	.135	.90	3.55	8888	8888	.068	.075	.002	1.5	290.
8109120500	.043	.078	.60	3.25	.105	.132	.90	3.55	8888	8888	.055	.068	.002	1.5	275.
8109120600	.046	.077	1.05	2.95	.165	.190	1.05	4.30	8888	8888	.075	.095	.002	.7	255.
8109120700	.049	.083	.70	2.60	.105	.150	.80	3.65	1.	185.	.045	.058	.002	1.4	220.
8109120800	.040	.090	.55	2.60	.045	.105	.50	2.65	3.	200.	.023	.042	.012	2.5	225.
8109120900	.023	.075	.40	2.05	.018	.068	.25	2.10	3.	220.	.005	.018	.037	4.0	220.
8109121000	.020	.065	.35	1.80	.005	.046	.15	1.95	4.	215.	.005	.005	.062	4.5	225.
8109121100	.005	.028	.30	1.85	.005	.025	.10	1.80	4.	230.	.005	.005	.074	4.0	230.
8109121200	.005	.022	.25	1.70	.005	.015	.02	1.70	5.	250.	.005	.005	.079	5.4	240.
8109121300	.005	.005	.20	1.65	.005	.015	.02	1.75	5.	260.	.005	.005	.084	5.5	245.
8109121400	.005	.005	.25	1.65	.005	.012	.02	1.75	5.	230.	.005	.005	.085	4.7	280.
8109121500	.005	.005	.20	1.65	.005	.010	.02	1.75	5.	250.	.005	.012	.070	5.2	230.
8109121600	.005	.010	.20	1.65	.005	.010	.02	1.75	5.	245.	.005	.010	.070	6.0	240.
8109121700	.005	.010	.20	1.70	.005	.010	.02	1.70	5.	250.	.005	.020	.058	4.8	225.
8109121800	.005	.015	.25	1.80	.005	.018	.05	1.70	3.	250.	.033	.080	.015	1.4	280.
8109121900	.005	.042	.50	2.05	.005	.030	.10	1.80	1.	260.	.095	.145	.002	.8	310.
8109122000	.018	.080	.85	2.48	.035	.080	.45	1.90	8888	8888	.075	.115	.002	.6	270.
8109122100	.060	.125	1.00	2.65	.065	.120	.90	2.30	8888	8888	.062	.100	.002	1.1	280.
8109122200	.135	.195	1.10	3.20	.090	.145	.25	2.40	1.	50.	.070	.095	.002	8888	8888
8109122300	.112	.170	1.00	4.95	.092	.140	.10	2.50	8888	8888	.065	.088	.002	.8	320.

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING	*-BROADWAY MEDICAL BLDGS.-*				*------------SEAGRAMS PROPERTY-----------*						*-----RODY ELEMENTRY SCHOOL-----*				
YYMMDDHH	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8109130000	.098	.148	.95	3.50	.125	.165	.90	2.65	8888	8888	.055	.075	.002	1.0	240.
8109130100	.072	.115	.90	3.20	.110	.145	.80	2.75	8888	8888	.042	.060	.002	1.2	250.
8109130200	.035	.076	.70	2.70	.092	.125	.80	2.80	8888	8888	.030	.048	.002	.7	320.
8109130300	.012	.050	.40	2.60	.092	.108	.70	3.00	8888	8888	.042	.055	.002	8888	8888
8109130400	.005	.035	.45	2.35	.070	.095	.55	2.90	8888	8888	.038	.050	.002	.9	305.
8109130500	.005	.031	.45	2.40	.068	.093	.65	3.05	8888	8888	.035	.048	.002	1.2	310.
8109130600	.005	.033	.35	2.45	.055	.080	.50	2.85	8888	8888	.026	.038	.002	.8	325.
8109130700	.022	.050	.40	4.05	.040	.075	.45	3.05	8888	8888	.055	.075	.002	.5	260.
8109130800	.024	.064	.55	3.50	.025	.075	.35	3.80	2.	200.	.010	.025	.012	1.4	250.
8109130900	.010	.047	.55	3.30	.020	.078	.15	3.15	3.	220.	.005	.015	.035	2.2	225.
8109131000	.005	.015	.30	1.85	.005	.038	.10	1.95	4.	220.	.005	.010	.052	4.5	245.
8109131100	9999	9999	9999	9999	.005	.030	.10	1.90	5.	215.	9999	9999	9999	8.0	220.
8109131200	.005	.012	.20	1.75	.005	.020	.05	1.80	6.	235.	.005	.010	.066	7.0	240.
8109131300	.005	.018	.15	1.70	.005	.017	.02	1.75	6.	215.	.005	.010	.068	7.0	230.
8109131400	.005	.005	.20	1.70	.005	.010	.02	1.70	7.	215.	.005	.010	.075	8.7	190.
8109131500	.005	.005	.15	1.70	.005	.010	.02	1.70	6.	210.	.005	.012	.072	8.0	195.
8109131600	.005	.005	.15	1.70	.005	.012	.02	1.70	6.	195.	.005	.015	.071	7.8	215.
8109131700	.005	.005	.17	1.70	.005	.015	.02	1.70	6.	205.	.005	.025	.058	4.4	225.
8109131800	.005	.011	.20	1.75	.005	.020	.05	1.70	6.	195.	.005	.055	.018	1.3	210.
8109131900	.005	.045	.40	2.00	.005	.060	.25	1.90	2.	160.	.020	.063	.006	.8	160.
8109132000	.005	.080	.50	2.70	.030	.110	.45	2.40	2.	160.	.165	.215	.002	8888	8888
8109132100	.010	.083	.60	2.30	.035	.106	9999	9999	2.	170.	.095	.140	.002	.8	310.
8109132200	.020	.086	.60	2.30	.032	.100	9999	9999	2.	170.	.105	.140	.002	8888	8888
8109132300	.027	.087	.50	2.50	.040	.098	.65	2.80	8888	8888	.105	.130	.002	.6	295.
8109140000	.005	.046	.45	2.40	.015	.066	.40	2.80	1.	145.	.090	.110	.002	.7	330.
8109140100	.005	.029	.30	2.20	.010	.055	.65	2.90	8888	8888	.060	.075	.002	1.1	105.
8109140200	.005	.027	.30	2.35	.005	.045	.65	2.95	8888	8888	.097	.105	.002	8888	8888
8109140300	.005	.024	.30	2.40	.005	.040	.45	2.85	8888	8888	.015	.022	.002	8888	8888
8109140400	.005	.025	.35	2.60	.005	.035	.25	2.60	8888	8888	.140	.165	.002	.6	290.
8109140500	.005	.032	.35	2.45	.020	.050	.40	2.60	8888	8888	.120	.135	.002	1.2	250.
8109140600	.025	.060	.45	2.40	.060	.090	.55	2.55	1.	45.	.090	.105	.002	.6	270.
8109140700	.052	.100	.70	2.40	.105	.155	.65	2.65	1.	140.	.080	.105	.002	.8	260.
8109140800	.042	.100	.65	2.35	.070	.115	.65	2.35	3.	205.	.015	.035	.012	2.6	230
8109140900	.024	.080	.55	2.85	.018	.076	.35	2.10	3.	240.	.005	.020	.026	3.8	240
8109141000	.013	.065	.35	2.05	.015	.070	.25	2.05	4.	220.	.005	.010	.050	4.2	240.
8109141100	.005	.040	.40	2.10	.010	.055	.20	2.00	4.	225.	.005	.010	.060	6.2	205.
8109141200	.005	.035	.25	1.75	.005	.032	.10	1.95	5.	215.	.005	.017	.062	7.7	215.
8109141300	.005	.010	.20	1.80	.005	.027	.10	1.90	4.	195.	.005	.018	.055	7.5	210.
8109141400	.005	.022	.30	1.80	.005	.015	.05	1.90	6.	280.	.005	.026	.034	8.7	260.
8109141500	.005	.035	.35	1.80	.005	.012	.02	2.05	2.	310.	.005	.030	.022	4.0	250.
8109141600	.005	.042	.35	1.80	.005	.035	.10	1.85	1.	240.	.005	.018	.028	3.2	215.
8109141700	.011	.060	.40	1.85	.005	.037	.15	1.90	1.	150.	.005	.020	.027	1.3	220.
8109141800	9999	9999	9999	9999	.005	.036	.20	1.90	2.	65.	.005	.037	.012	2.4	210.
8109141900	9999	9999	9999	9999	.005	.025	.15	1.90	2.	65.	.005	.033	.005	2.5	130
8109142000	9999	9999	.40	1.90	.010	.045	.20	2.05	1.	95.	.005	.030	.011	2.2	170.
8109142100	.005	.038	.35	1.80	.010	.045	.15	2.20	2.	160.	.010	.037	.005	1.8	230.
8109142200	.005	.037	.35	1.90	.005	.042	.10	2.05	2.	115.	.005	.026	.005	1.6	225.
8109142300	.005	.029	.30	1.95	.005	.032	.10	2.00	3.	65.	.050	.075	9999	1.7	360.

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

HOUR BEGINNING YYMMDDHH	BROADWAY MEDICAL BLDGS. NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	SEAGRAMS PROPERTY NO PPM	NOX PPM	NMOC PPMC	CH4 PPMC	WS MPH	WD DEG	ROBY ELEMENTRY SCHOOL NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
8109150000	.005	.018	.20	1.75	.005	.005	.02	1.80	3.	50.	.010	.030	.002	2.3	70.
8109150100	.005	.012	.20	1.85	.005	.005	.02	1.90	1.	320.	.005	.005	.007	1.8	70.
8109150200	.005	.014	.30	2.10	.005	.015	.05	2.00	1.	335.	.022	.037	.002	8888	8888
8109150300	.005	.025	.35	2.05	.005	.013	.02	1.95	2.	15.	.017	.035	.002	1.2	275.
8109150400	.005	.039	.25	1.95	.005	.022	.02	1.95	2.	20.	.014	.033	.002	2.6	30.
8109150500	.012	.045	.35	1.80	.005	.020	.02	1.90	2.	40.	.028	.055	.002	3.4	10.
8109150600	.019	.046	.45	1.85	.010	.035	.07	1.95	1.	10.	.027	.057	.002	3.0	25.
8109150700	.035	.070	.45	1.85	.010	.033	.10	1.90	2.	25.	.017	.044	.002	1.8	80.
8109150800	.029	.052	.45	1.80	.005	.020	.05	1.90	3.	20.	.045	.072	.002	2.2	360.
8109150900	.022	.042	.45	1.80	.005	.015	.05	1.90	4.	10.	.025	.055	.005	2.7	25.
8109151000	.018	.038	.35	1.78	.005	.025	.05	1.90	3.	15.	.016	.044	.008	3.6	345.
8109151100	.020	.040	.55	1.78	.005	.015	.05	1.85	2.	25.	.011	.035	.011	5.5	10.
8109151200	.018	.042	.35	1.78	.005	.012	.02	1.80	3.	20.	.018	.045	.007	5.4	10.
8109151300	.022	.045	.55	1.80	.005	.030	.05	1.85	3.	25.	.011	.032	.012	7.7	10.
8109151400	.016	.038	.35	1.75	.005	.005	.02	1.80	3.	20.	.030	.056	.002	7.2	5.
8109151500	.019	.040	.35	1.75	.005	.010	.02	1.75	11.	30.	9999	9999	.005	8.7	15.
8109151600	.012	.035	.35	1.73	.005	.012	.02	1.75	1.	25.	9999	9999	.007	7.4	20.
8109151700	.010	.037	.30	1.73	.005	.012	.02	1.75	1.	20.	.019	.047	.002	7.0	25.
8109151800	.005	.034	.35	1.75	.005	.022	.10	1.85	10.	5.	.005	.030	.007	5.1	25.
8109151900	.012	.042	.35	1.80	.005	.015	.02	1.85	12.	15.	.022	.045	.002	2.4	20.
8109152000	.005	.028	.30	1.80	.005	.005	.02	1.80	4.	25.	.046	.072	.002	2.0	20.
8109152100	.005	.024	.25	1.85	.005	.010	.02	1.80	3.	20.	.040	.060	.002	2.2	25.
8109152200	.005	.020	.35	1.85	9999	9999	.02	1.80	2.	20.	.022	.046	.002	4.0	15.
8109152300	.005	.018	.30	1.85	9999	9999	.02	1.80	2.	15.	.013	.039	.002	4.6	10.

HOURLY DATA LISTING
SPECIAL STUDY
09094-140-07

LOUISVILLE NETWORK

JULY 1 - SEPTEMBER 15, 1981

PAGE 40
DATE 10/08/81.
TIME 12.03.32.

HOUR BEGINNING YYMMDDHH	*-BROADWAY MEDICAL BLDGS.-*				*----SEAGRAMS PROPERTY----*						*----ROBY ELEMENTRY SCHOOL----*				
	NO PPM	NOX PPM	NMHC PPMC	CH4 PPMC	NO PPM	NOX PPM	NMHC PPMC	CH4 PPMC	WS MPH	WD DEG	NO PPM	NOX PPM	O3 PPM	WS MPH	WD DEG
MAXIMUM	.220	.290	7.24	7.23	.265	.300	5.52	4.45	14.		.260	.265	.122	13.4	
MINIMUM	.005	.005	.02	1.58	.002	.005	.02	1.00	1.		.005	.005	.002	.5	
MEAN	.014	.037	.35	2.04	.012	.029	.15	1.92	4.		.023	.038	.026	3.9	
VALID	1739	1739	1784	1779	1688	1686	1754	1755	1846	1846	1775	1769	1747	1758	1758
PERCENT	94.1	94.1	96.5	96.3	91.3	91.2	94.9	95.0	99.9	99.9	96.0	95.7	94.5	95.1	95.1
INVALID 1	109	109	64	69	160	162	94	93	2	2	73	79	101	90	90
PERCENT	5.9	5.9	3.5	3.7	8.7	8.8	5.1	5.0	.1	.1	4.0	4.3	5.5	4.9	4.9
INVALID 2	0	0	0	0	0	0	0	0	158	158	0	0	0	193	193
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	8.5	0.0	0.0	0.0	10.4	10.4
TOTAL	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848	1848
PERCENT	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

LEGEND

TYPE OF INVALID DATA	CODED VALUE	EXPLANATION
INVALID 1	9999	MISSING/MAINT.

CALM WIND CODED - 8888

SEAGRAMS PROPERTY - WS VALUES < 1.
ROBY ELEMENTRY SCHOOL - WS VALUES < .5